

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK  b. TYPE OF WELL OIL GAS WELL WELL <input checked="" type="checkbox"/> OTHER			5. LEASE DESIGNATION AND SERIAL NO. U-4484		
2. NAME OF OPERATOR WEXPRO COMPANY			6. IF INDIAN, ALLOTTEE OR TRIBE NAME NA		
3. ADDRESS AND TELEPHONE NO. P. O. BOX 458, ROCK SPRINGS, WY 82902 (307) 382-9791			7. UNIT AGREEMENT NAME ISLAND		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 321' FWL, 362' FNL, NW NW Section 12, Township 10 South, Range 19 East At proposed prod. zone 200' FNL, 1900' FWL, NE NW Section 12, Township 10 South, Range 19 East			8. FARM OR LEASE NAME, WELL NO. ISLAND UNIT NO. 77		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approximately 20 miles southwest of Ouray, Utah			9. API WELL NO. PENDING		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 200'			10. FIELD AND POOL, OR WILDCAT ISLAND UNIT		
16. NO. OF ACRES IN LEASE 640			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 12-10S-19E		
17. NO. OF ACRES ASSIGNED TO THIS WELL NA			12. COUNTY OR PARISH UINTAH		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED OR APPLIED FOR, ON THIS LEASE, FT. 1580			13. STATE UTAH		
19. PROPOSED DEPTH 8,047' TVD			20. ROTARY OR CABLE TOOLS Rotary		
21. ELEVATIONS (Show whether DF, RT, GR. etc.) GR 4999'			22. APPROX. DATE WORK WILL START* Upon approval		
23. PROPOSED CASING AND CEMENTING PROGRAM					
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT	
12-1/4"	9-5/8", K-55	36#	350'	Please refer to drilling plan	
7-7/8"	4-1/2", N-80	11.6#	8,467' MVD	Please refer to drilling plan	

Please refer to attached Drilling Plan for details.

Please be advised that Wexpro Company is considered to be the operator of the above well and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Nationwide Bond No. SL67308873, BLM Bond No. ES0019.

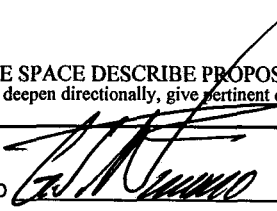
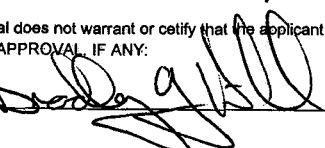
This well will be drilled directionally from the Island Unit Well No. 21 location.

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IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED 	TITLE G. T. Nimmo, Operations Manager	DATE 11/22/00
(This space for Federal or State office use)		
PERMIT NO. 43-047-33757	APPROVAL DATE	
Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		
CONDITIONS OF APPROVAL, IF ANY:		
APPROVED BY 	TITLE BRADLEY G. HILL RECLAMATION SPECIALIST III	DATE 11/22/00

\* See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Federal Approval of this  
Action is Necessary

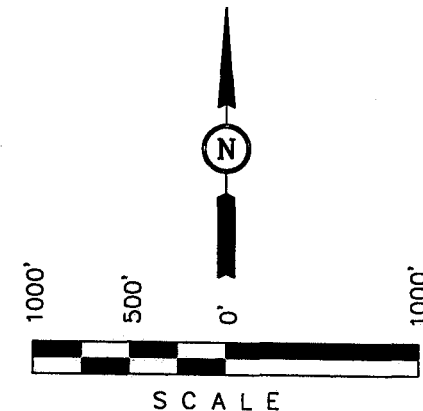
T10S, R19E, S.L.B.&M.

WEXPRO COMPANY

Well location, ISLAND UNIT #77, located as shown in the NW 1/4 NW 1/4 of Section 12, T10S, R19E, S.L.B.&M. Uintah County, Utah.

### BASIS OF ELEVATION

TRIANGULATION STATION (DIVIDE) LOCATED IN THE NE 1/4 OF SECTION 23, T10S, R19E, S.L.B.&M. TAKEN FROM THE BIG PACK MOUNTAIN NW, QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5357 FEET.

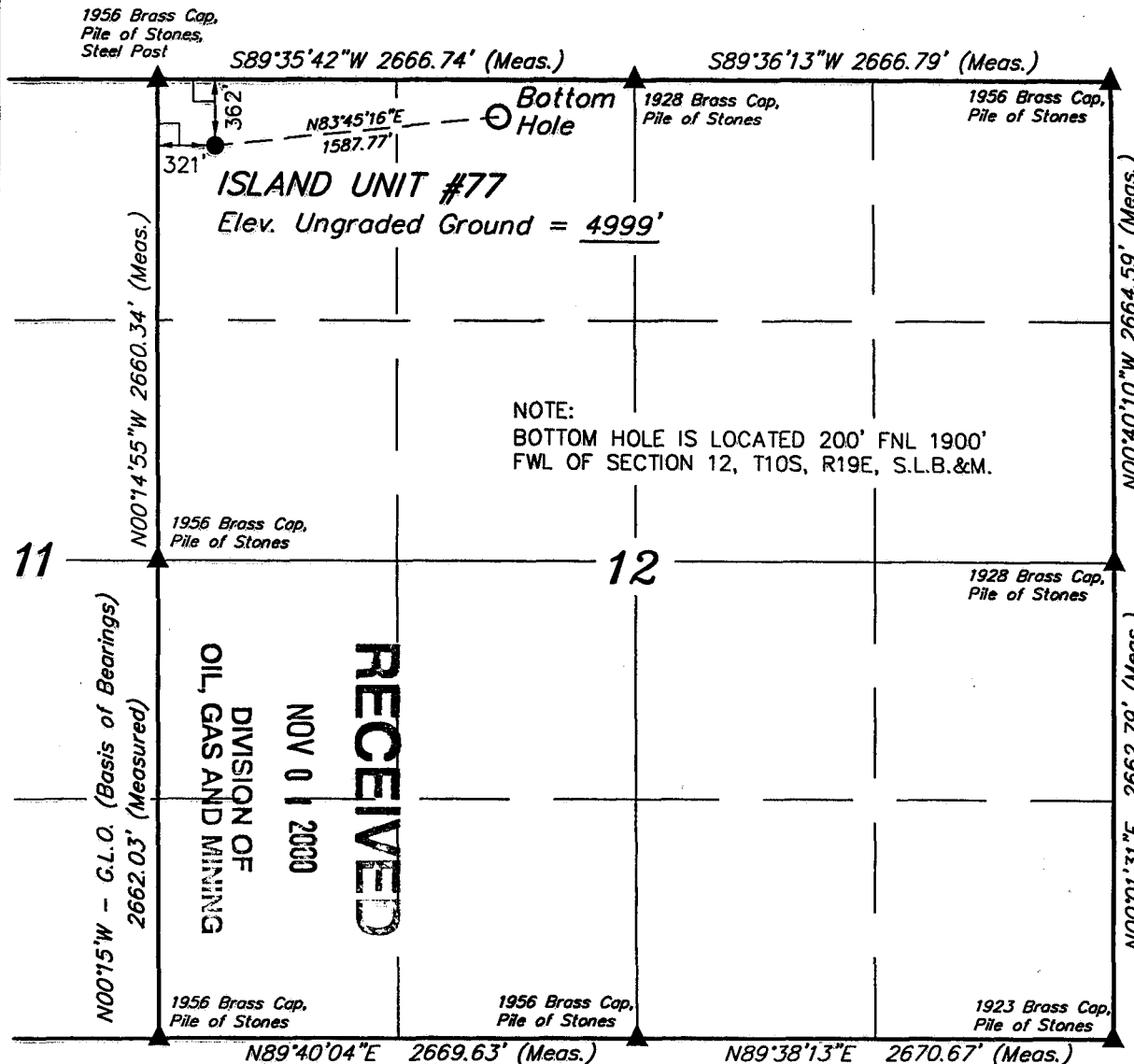


### CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH

**UINTAH ENGINEERING & LAND SURVEYING**  
85 SOUTH 200 EAST - VERNAL, UTAH 84078  
(435) 789-1017



### LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

LATITUDE = 39°58'06"  
LONGITUDE = 109°44'20"

SCALE 1" = 1000'	DATE SURVEYED: 9-7-00	DATE DRAWN: 9-20-00
PARTY G.S. T.A. D.COX	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE WEXPRO COMPANY	

**Drilling Plan  
Wexpro Company  
Island Unit Well No. 77  
Uintah County, Utah**

1. SURFACE FORMATION, ESTIMATED TOPS AND WATER, OIL, GAS OR MINERAL BEARING FORMATIONS:

Formation	TVD Depth	Remarks
Uintah	Surface	
Kick Off Point	1,500'	
Green River	1,812'	Gas, Secondary Objective
Birds Nest Aquifer	2,337'	
Wasatch Tongue	4,475'	
Green River Tongue	4,757'	Gas, Secondary Objective
Wasatch	4,905'	Gas, Secondary Objective
Lower Wasatch Marker	7,025'	Gas, Primary Objective
Total Depth	8,047'	

All fresh water and prospectively valuable minerals encountered during drilling, will be recorded by depth and adequately protected.

2. PRESSURE CONTROL EQUIPMENT: (See attached diagram) Operator's minimum specifications for pressure control equipment require an 11-inch 3000 psi double gate hydraulically operated blowout preventer and an 11-inch 3000 psi annular preventer. BOP equipment will be tested to its rated working pressure or 70-percent of the internal yield of the surface casing. The annular preventer will be tested at 50-percent of its rated working pressure. NOTE: The surface casing will be pressure tested to a minimum of 1500 psi. BOP's will be checked daily as to mechanical operating condition and will be tested by rig equipment after each string of casing is run. All ram type preventers will have hand wheels which will be operative and accessible at the time the preventers are installed.

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### AUXILIARY EQUIPMENT:

- a. Manually operated kelly cock
- b. No floats at bit
- c. Monitoring of mud system will be visual
- d. Full opening floor valves in the full open position, capable of fitting all drill stem connections manually operated

### 3. CASING PROGRAM:

Size	Top	Bottom	Weight	Grade	Thread	Condition
9-5/8"	sfc	350'	36	K55	STC	New
4-1/2"	sfc	8467' MD	11.6	N80	LTC	New

Casing Strengths:				Collapse	Burst	Tensile (minimum)
9-5/8"	36 lb.	K55	STC	2,020 psi	3,520 psi	423,000 lb.
4-1/2"	11.6 lb.	N80	LTC	6,350 psi	7,780 psi	223,000 lb

### CEMENTING PROGRAMS:

9-5/8-inch Surface Casing: 350 feet of Class G with 3% CaCl<sub>2</sub> (1/4% celloflake will only be used if lost circulation is encountered).

4-1/2-inch Production Casing: 5000 feet of 50/50 Poz-gel followed by 3467 feet of Class G with reducer and fluid loss additives, if needed.

4. MUD PROGRAM: A dry hole rig will be used from surface to 350 feet. Fresh water with 2% KCL will be used from 350 feet to total depth.

Sufficient mud materials to maintain mud properties, control lost circulation and to contain blowout will be available at the wellsite.

No chrome constituent additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

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5. LOGGING: Electric Logs will be run as deemed necessary.

TESTING: None

CORING: None

6. ABNORMAL PRESSURE AND TEMPERATURE: No abnormal pressures are anticipated. A BHT of 150 degrees F and a BHP of 2900 psi are expected.

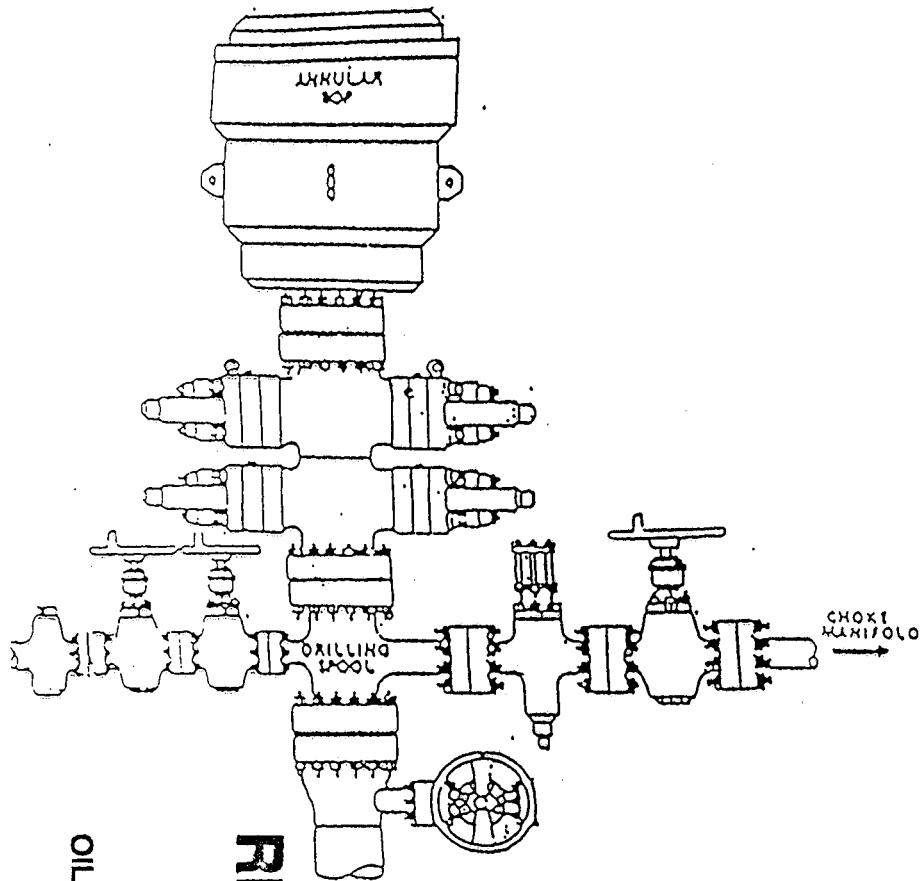
7. ANTICIPATED STARTING DATE: Upon Approval

DURATION OF OPERATION: 15 days

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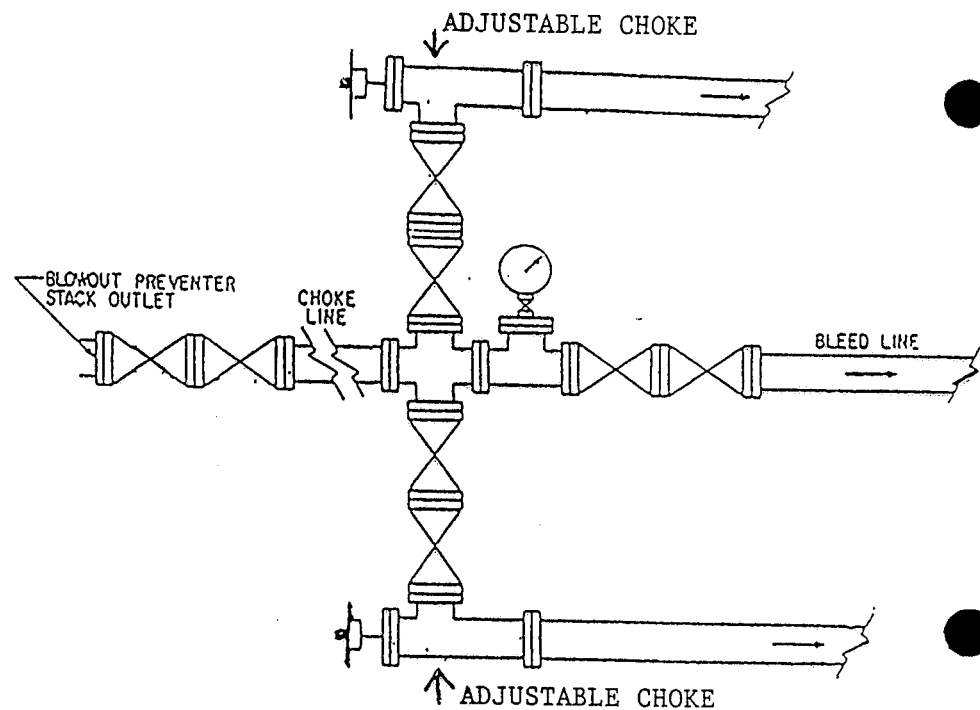
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3K psi Blowout Prevention Equipment

NOTE: Drilling spool & choke lines will be a minimum of 3" on choke side and 2" minimum on kill side



Choke Manifold System

- NOTE: 1. Minimum Choke Manifold Configuration
2. Vent Lines will be on a downward grade from choke manifold to pit and anchored securely

**Surface Use and Operations  
Wexpro Company  
Island Unit Well No. 77  
Uintah County, Utah**

1. Existing Road:
  - A. Proposed Well Site as Staked: Refer to well location plat and area map.
  - B. Proposed Access Route: Refer to general area map. All access roads are within lease boundaries.
  - C. Plans for Improvement and/or Maintenance: All existing roads utilized will be maintained in their present condition and no improvements will be made.
2. Planned Access Roads:
  - A. A driveway road approximately 150 feet in length is anticipated, however, any road upgrading will be crowned and ditched with a 16 foot running surface. Construction of the access road will necessitate a 30-foot wide right-of-way (maximum disturbance).
  - B. Maximum grade: Will not exceed 8 percent.
  - C. Turnouts: Water turnouts will be constructed as required to divert runoff water from the road ditch in such a manner as to not cause erosion.
  - D. Location (centerline): Access road has been staked and flagged. Surface disturbance and vehicular travel will be limited to the approved access route, additional area needed will be approved in advance.
  - E. Surface materials: Surface materials will be obtained from cuts along the access road and location. Spot surfacing may be required to maintain the running surface.
  - F. Any topsoil (approximately 6-inches) removed in conjunction with road construction will be spread in the borrow ditches or windrowed to the side. Borrow areas will be seeded as discussed in reclamation procedures.
3. Location of Existing Wells: Refer to area map for the location of existing wells within a one-mile radius.
4. Location of Existing and/or Proposed Facilities: Refer to area maps. Layout of new

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facilities will be submitted via sundry Notice prior to installation.

All permanent (onsite for six months or longer) structures constructed or installed will be painted Desert Brown, a flat, non-reflective, earthtone color to match the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within six months of installation. Facilities required to comply with Occupational Safety and Health Act will be excluded.

If a tank battery is constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain one-and-a-half times the storage capacity of the battery.

Facilities will be applied for via Sundry Notice prior to installation.

All loading lines will be placed inside the berm surrounding the tank battery.

All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from Authorized Officer.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried from the wellhead to the meter and anchored securely downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new installations and at least quarterly thereafter. The Authorized Officer will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

5. Location and Type of Water Supply: Water will be hauled by tank trucks from the William E. Brown water well located in Section 32-T6S-R20E, Water Use Claim #43-9077, Application #t20262.
6. Source of Construction Materials: All materials will be derived from cuts at the location and along the access road. Construction material will be located on lease.
7. Methods for Handling Water Disposal: Cuttings and drilling fluids will be placed in an unlined mud pit which will be constructed with at least one half of its holding capacity

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below ground level. The mud pit will be fenced on three sides with a sheep-tight fence of woven wire prior to the onset of drilling. Immediately upon completion of drilling, the fourth side will be fenced and the liquids allowed to evaporate. The fence will be maintained until restoration. Any produced liquids will be contained in test tanks and hauled out by tank trucks. Garbage and other waste materials will be placed in a trash cage, the contents of which will be disposed of in the nearest legal landfill. Portable sewage facilities will be utilized for the disposal of human waste.

Produced waste water will be confined to an unlined pit for a period not to exceed 90 days after initial production. During the 90 day period an application for approval of a permanent disposal method and location will be submitted for the Authorized Officer's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance, and will be grounds for issuing a shut-in order.

8. Ancillary Facilities: Camp facilities will not be required.
9. Wellsite Layout: Refer to drawing.
10. Plans for Restoration of the Surface: During construction, all woody vegetation and the top six-inches of topsoil material will be removed from the pad and stockpiled separately. All pits will remain fenced until cleanup begins. Overhead flagging will be installed if oil is in the mud pit.

Immediately upon completion of drilling, the location and surrounding area will be cleared of all debris, materials, trash and junk not required for production. The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed.

Before any dirt work to restore the location takes place, the reserve pit will be completely dry and all cans, barrels, pipe, etc. will be removed. All disturbed areas will be recontoured to the approximate natural contours to the satisfaction of the Authorized Officer.

The stockpiled topsoil will be evenly distributed over the disturbed areas. Prior to reseeding, all disturbed areas, including the access roads, will be scarified and left with a rough surface. Reseeding will be done in the Fall before ground frost.

A seed drill equipped with a regulator will be required. Seed will be drilled 1/4-1/2 inch deep on the contour using a seed mixture specified by the Bureau of Land Management.

Where drilling is not possible a broadcast/rake method will be used doubling the seed mixture.

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11. Surface and Mineral Ownership: Surface ownership along the access road is federal and surface ownership at the wellsite is federal.
12. Other Information: Stan Olmstead of the Bureau of Land Management, Bookcliffs Resource Area, in Vernal, Utah will be notified at least 72-hours prior to commencement of both construction and reclamation operations.

A Class III Cultural Resource Inventory was been completed and the report forwarded to the Bureau of Land Management in 1985, 85-WWC-31a. If any cultural resources are found during construction, all work will stop, and the Authorized Officer will be notified.

No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

13. Lessee's or Operators Representative and Certification:

G. T. Nimmo, Operations Manager, P. O. Box 458, Rock Springs, Wyoming 82902, telephone number (307) 382-9791.

Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions which currently exist, that the statements made in the plan area, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Wexpro Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Date: 11/20/00

Name G. T. Nimmo

G. T. Nimmo, Operations Manager

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## Proposed Well Profile

Client: Wexpro Company	Survey Computation Method: Minimum Curvature
Field: UT, Uintah County	DLS Computation Method: Lubinski
Structure: Pad #12	Vertical Section Azimuth: 84.140°
Well: Island #77	Vertical Section Origin: N 0.000 ft, E 0.000 ft
Borehole: New Borehole	TVD Reference: 0.0 ft above
UWI/API#:	Magnetic Declination: 12.597°
Date: September 26, 2000	Total Field Strength: 53578.161 nT
Grid Convergence: 1.29497735°	Dip: 66.358°
Scale Factor: 1.00012272	Declination Date: September 26, 2000
Location: N 40 12 8.644, W 109 32 9.583	Magnetic Declination Model: BGGM 1999
: N 3239329.676 ftUS, E 2189050.754 ftUS	North Reference: True North
Coordinate System: NAD83 Utah State Planes, Northern Zone, US Feet	Coordinate Reference To: Well Head

Station ID	MD (ft)	Incl (°)	Azim (°)	TVD (ft)	VSec (ft)	N-S (ft)	E-W (ft)	Closure (ft)	at Azim (°)	DLS (°/100ft)	TF (°)
KOP 3°/100	0.00	0.00	84.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	84.1MTF
	1500.00	0.00	84.14	1500.00	0.00	0.00	0.00	0.00	0.00	0.00	84.1MTF
	1600.00	3.00	84.14	1599.95	2.62	0.27	2.60	2.62	84.14	3.00	84.1MTF
	1700.00	6.00	84.14	1699.63	10.46	1.07	10.41	10.46	84.14	3.00	0.0
	1800.00	9.00	84.14	1798.77	23.51	2.40	23.39	23.51	84.14	3.00	0.0
	1900.00	12.00	84.14	1897.08	41.74	4.26	41.52	41.74	84.14	3.00	0.0
	2000.00	15.00	84.14	1994.31	65.08	6.64	64.74	65.08	84.14	3.00	0.0
	2100.00	18.00	84.14	2090.18	93.48	9.54	92.99	93.48	84.14	3.00	0.0
	2200.00	21.00	84.14	2184.43	126.85	12.95	126.19	126.85	84.14	3.00	0.0
	2300.00	24.00	84.14	2276.81	165.12	16.85	164.25	165.12	84.14	3.00	0.0
	2400.00	27.00	84.14	2367.06	208.16	21.25	207.08	208.16	84.14	3.00	0.0
	2500.00	30.00	84.14	2454.93	255.87	26.11	254.54	255.87	84.14	3.00	0.0
	2600.00	33.00	84.14	2540.18	308.12	31.45	306.51	308.12	84.14	3.00	0.0
	2700.00	36.00	84.14	2622.59	364.75	37.23	362.85	364.75	84.14	3.00	0.0
	2737.77	37.13	84.14	2652.92	387.25	39.52	385.23	387.25	84.14	3.00	0.0
Begin 37.13° Tangent											
Begin 2°/100 Drop	3763.44	37.13	84.14	3470.62	1006.41	102.72	1001.16	1006.41	84.14	0.00	180.0
	3800.00	36.40	84.14	3499.91	1028.30	104.95	1022.93	1028.30	84.14	2.00	180.0
	3900.00	34.40	84.14	3581.42	1086.23	110.86	1080.55	1086.23	84.14	2.00	180.0
	4000.00	32.40	84.14	3664.90	1141.27	116.48	1135.32	1141.27	84.14	2.00	180.0
	4100.00	30.40	84.14	3750.25	1193.38	121.80	1187.14	1193.38	84.14	2.00	180.0
	4200.00	28.40	84.14	3837.36	1242.47	126.81	1235.98	1242.47	84.14	2.00	180.0
	4300.00	26.40	84.14	3926.14	1288.49	131.50	1281.76	1288.49	84.14	2.00	180.0
	4400.00	24.40	84.14	4016.46	1331.38	135.88	1324.43	1331.38	84.14	2.00	180.0
	4500.00	22.40	84.14	4108.23	1371.10	139.94	1363.94	1371.10	84.14	2.00	180.0
	4600.00	20.40	84.14	4201.33	1407.58	143.66	1400.23	1407.58	84.14	2.00	180.0
	4700.00	18.40	84.14	4295.65	1440.80	147.05	1433.28	1440.80	84.14	2.00	180.0
	4800.00	16.40	84.14	4391.07	1470.71	150.10	1463.03	1470.71	84.14	2.00	180.0
	4900.00	14.40	84.14	4487.47	1497.26	152.81	1489.45	1497.26	84.14	2.00	180.0
	5000.00	12.40	84.14	4584.74	1520.44	155.18	1512.50	1520.44	84.14	2.00	180.0
	5100.00	10.40	84.14	4682.77	1540.21	157.19	1532.17	1540.21	84.14	2.00	180.0
	5200.00	8.40	84.14	4781.42	1556.54	158.86	1548.42	1556.54	84.14	2.00	180.0
	5300.00	6.40	84.14	4880.58	1569.43	160.18	1561.23	1569.43	84.14	2.00	180.0
	5400.00	4.40	84.14	4980.13	1578.84	161.14	1570.59	1578.84	84.14	2.00	84.1MTF

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Station ID	MD (ft)	Incl (°)	Azim (°)	TVD (ft)	VSec (ft)	N-S (ft)	E-W (ft)	Closure (ft)	at Azim (°)	DLS (°/100ft)	TF (°)
	5500.00	2.40	84.14	5079.95	1584.77	161.74	1576.50	1584.77	84.14	2.00	84.1MTF
	5600.00	0.40	84.14	5179.91	1587.22	161.99	1578.93	1587.22	84.14	2.00	84.1MTF
Target	5620.09	0.00	84.14	5200.00	1587.29	162.00	1579.00	1587.29	84.14	2.00	84.1MTF
TD / PBHL	8467.09	0.00	84.14	8047.00	1587.29	162.00	1579.00	1587.29	84.14	0.00	0.0MTF

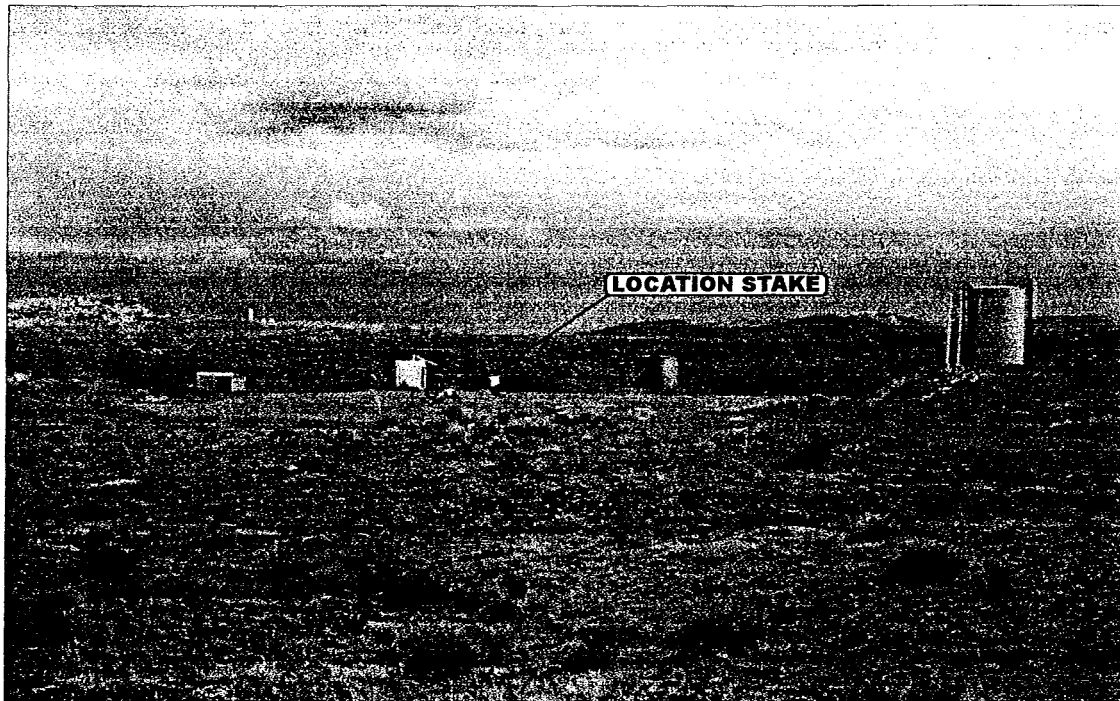
Survey Program: (No Error Model Selected)

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**WEXPRO COMPANY**  
**ISLAND UNIT #77, #76, #78, & #75**  
**LOCATED IN UINTAH COUNTY, UTAH**  
**SECTION 12, T10S, R19E, S.L.B.&M.**



**PHOTO: VIEW OF LOCATION STAKE**

**CAMERA ANGLE: SOUTHEASTERLY**



**PHOTO: VIEW FROM BEGINNING OF PROPOSED ROAD**

**CAMERA ANGLE: NORTHEASTERLY**



- Since 1964 -

**ELS** Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
435-789-1017 uels@uelsinc.com

**LOCATION PHOTOS**

**9 18 00**  
MONTH DAY YEAR

**PHOTO**

TAKEN BY: G.S.

DRAWN BY: J.L.G.

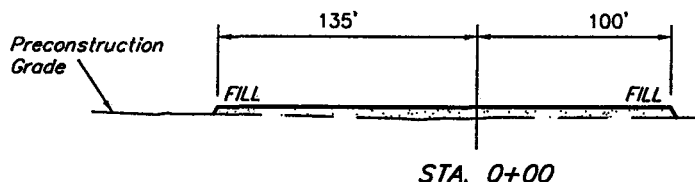
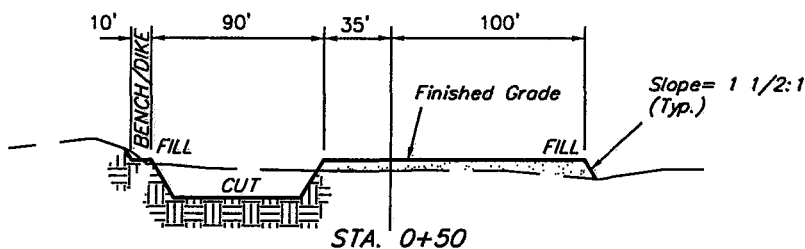
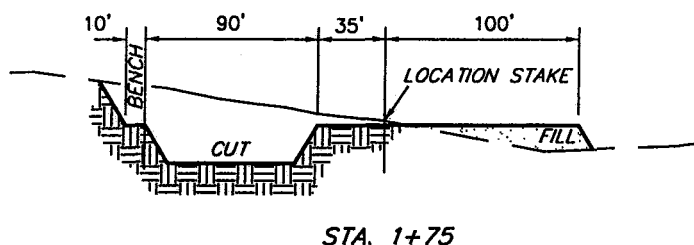
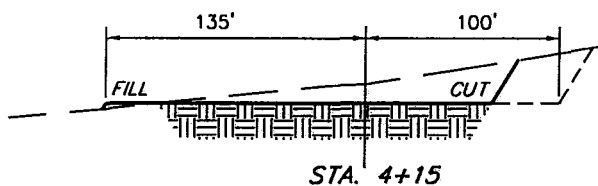
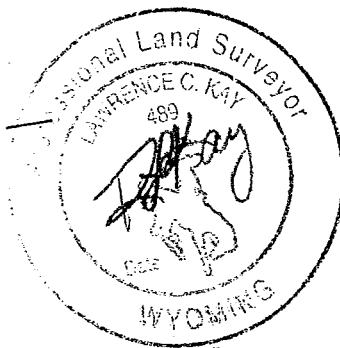
REVISED: 00-00-00

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017

1" = 40'  
X-Section  
Scale  
1" = 100'

DATE: 9-20-00  
Drawn By: D.COX

**WEXPRO COMPANY**  
TYPICAL CROSS SECTIONS FOR  
ISLAND UNIT #77, 76, 78, & 75  
SECTION 12, T10S, R19E, S.L.B.&M.  
NW 1/4 NW 1/4



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**NOTE:**

Topsoil should not be  
Stripped Below Finished  
Grade on Substructure Area.

**FIGURE #2**

**APPROXIMATE YARDAGES**

**CUT**

(6") Topsoil Stripping = 1,810 Cu. Yds.

Remaining Location = 10,570 Cu. Yds.

**TOTAL CUT = 12,380 CU.YDS.**

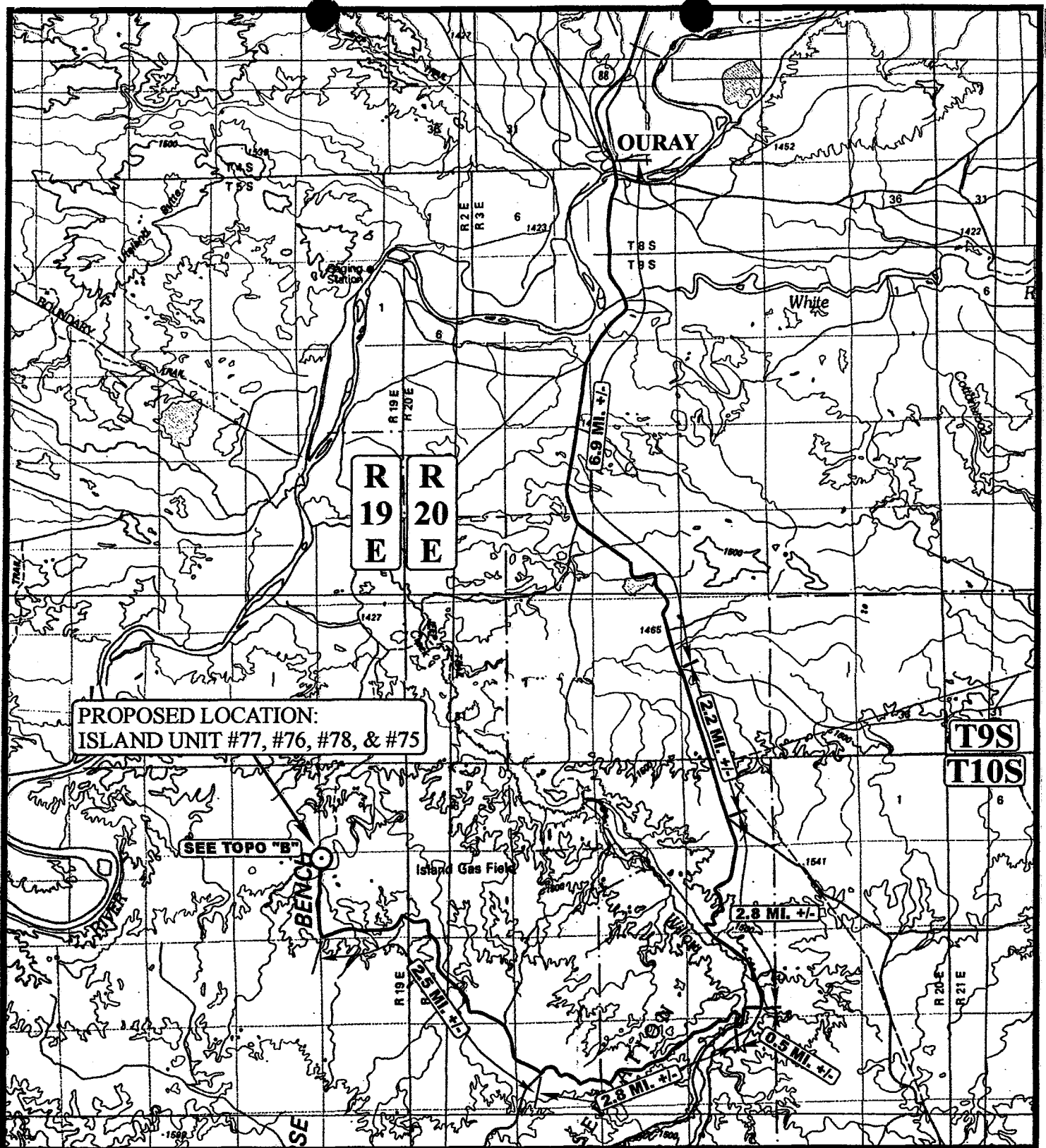
**FILL = 4,510 CU.YDS.**

EXCESS MATERIAL AFTER  
5% COMPACTION = 7,630 Cu. Yds.

Topsoil & Pit Backfill  
(1/2 Pit Vol.) = 3,590 Cu. Yds.

EXCESS UNBALANCE  
(After Rehabilitation) = 4,040 Cu. Yds.

**UINTAH ENGINEERING & LAND SURVEYING**  
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017



PROPOSED LOCATION:  
ISLAND UNIT #77, #76, #78, & #75

SEE TOPO "B"

BENCH

Island Gas Field

WEXPRO COMPANY

ISLAND UNIT #77, #76, #78, & #75  
SECTION 12, T10S, R19E, S.L.B.&M.  
NW 1/4 NW 1/4

LEGEND:

○ PROPOSED LOCATION

N



Utah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

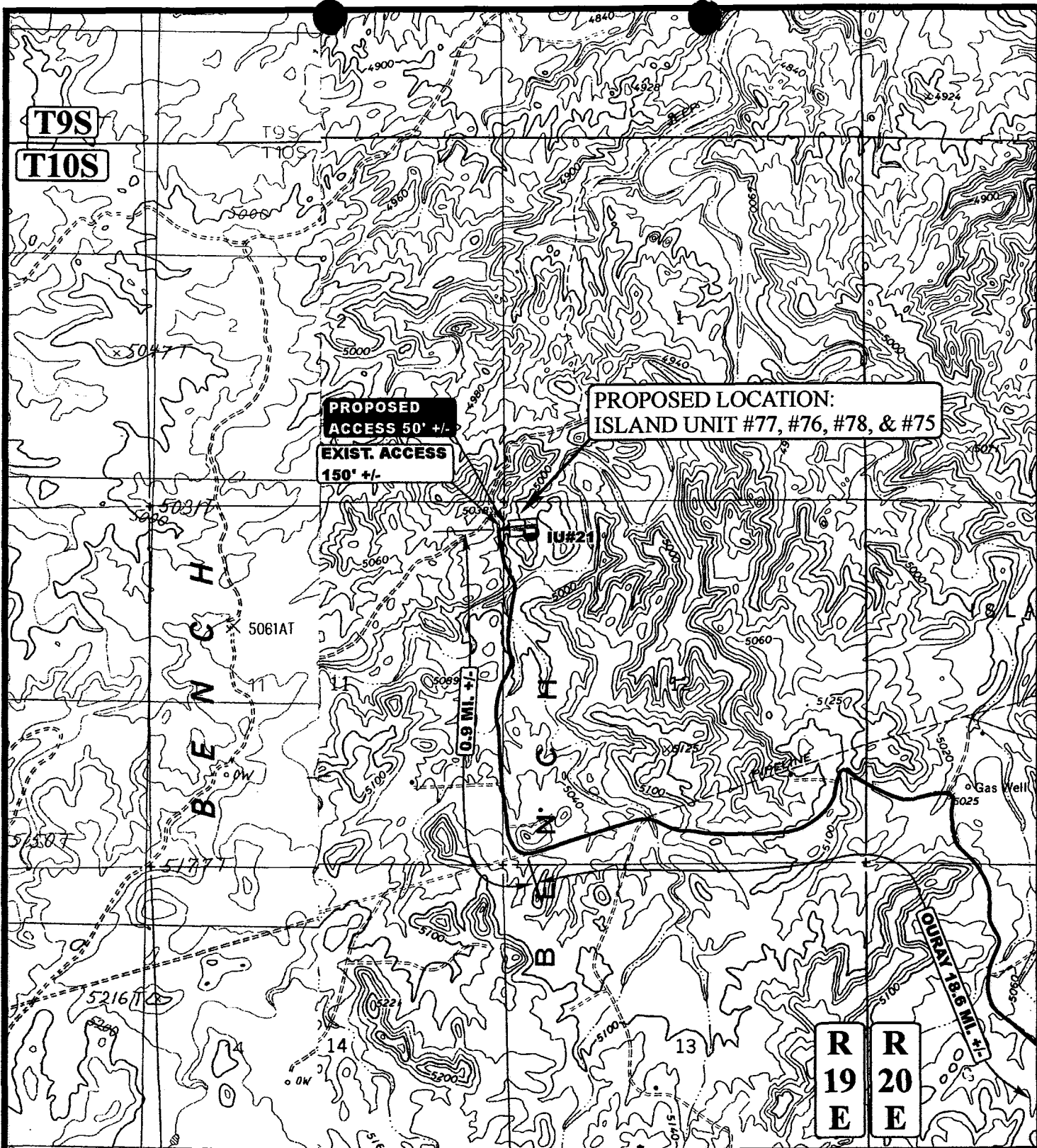
TOPOGRAPHIC  
MAP

9 1800  
MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: J.L.G. REVISED: 00-00-00

A  
TOPO





# **LEGEND:**

--- PROPOSED ACCESS ROAD  
 — EXISTING ROAD

## **WEXPRO COMPANY**

**ISLAND UNIT #77, #76, #78, & #75**  
**SECTION 12, T10S, R19E, S.L.B.&M.**  
**NW 1/4 NW 1/4**



**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813



**TOPOGRAPHIC**  
**MAP**

**9 18 00**  
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: J.L.G. [REVISED: 00-00-00]

**B**  
**TOPO**

**WORKSHEET**  
**APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 11/01/2000

API NO. ASSIGNED: 43-047-33757

WELL NAME: ISLAND U 77  
OPERATOR: WEXPRO COMPANY ( N1070 )  
CONTACT: G T NIMMO

PHONE NUMBER: 307-382-9791

**PROPOSED LOCATION:**

NWNW 12 100S 190E  
SURFACE: 0362 FNL 0321 FWL  
BOTTOM: 0200 FNL 1900 FWL  
UINTAH  
NATURAL BUTTES ( 630 )

LEASE TYPE: 1-Federal  
LEASE NUMBER: U-4484  
SURFACE OWNER: 1-Federal

PROPOSED FORMATION: WSTC

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

**RECEIVED AND/OR REVIEWED:**

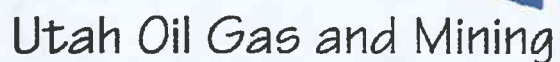
☒ Plat  
☒ Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. ES0019 )  
☒ Potash (Y/N)  
☒ Oil Shale (Y/N) \*190 - 5 (B)  
☒ Water Permit  
(No. 43-9077 )  
☒ RDCC Review (Y/N)  
(Date: )  
☒ Fee Surf Agreement (Y/N)

**LOCATION AND SITING:**

☐ R649-2-3. Unit Island  
☐ R649-3-2. General  
Siting: \_\_\_\_\_  
☐ R649-3-3. Exception  
☐ Drilling Unit  
Board Cause No: \_\_\_\_\_  
Eff Date: \_\_\_\_\_  
Siting: \_\_\_\_\_  
☒ R649-3-11. Directional Drill

COMMENTS: \_\_\_\_\_

STIPULATIONS: ① FEDERAL APPROVAL



COUNTY: UINTAH UNIT: ISLAND  
SPACING: R649-3-11



**QUESTAR**

**Wexpro Company**

1000 7th Street, Suite 300  
Denver, CO 80202  
Tel 303 672 6900  
Fax 303 672 6990

November 8, 2000

State of Utah  
Department of Natural Resources  
Division of Oil, Gas and Mining  
P.O. Box 145801  
Salt Lake City, UT 84114-5801

Attn: Ms Cordova

Re: Island Unit APD's  
Uintah County, Utah

On October 30, 2000, Wexpro Company, ("Wexpro"), submitted to the Bureau of Land Management (BLM), Utah Office, Applications for Permit to Drill (APD's) for Island Unit Wells No. 75, 76, 77, 78, 79, 80, 81, and 82. The drilling of these wells will not be in compliance with Rule No. R649-3-11 of the Division's regulations dealing with directional drilling. Therefore, Wexpro submits the following information and requests administrative approval of our APD's.

Listed below are the locations of the above said wells:

Official Natural Gas Supplier to the  
2002 Olympic Winter Games



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OIL, GAS AND MINING

Well	Location	Lease	Acres	Ownership
Island Unit 75	SL: NW NW 12-10S-19E BHL: NE NE 11-10S-19E	U-4481	1,282.52	Wexpro Company - 100%
Island Unit 76	SL: NW NW 12-10S-19E BHL: SE NW 12-10S-19E	U-4484	640.00	Wexpro Company - 100%
Island Unit 77	SL: NW NW 12-10S-19E BHL: SE NW 12-10S-19E	U-4484	640.00	Wexpro Company - 100%
Island Unit 78	SL: NW NW 12-10S-19E BHL: SW NW 12-10S-19E	U-4484	640.00	Wexpro Company - 100%
Island Unit 79	SL: NW NE 12-10S-19E BHL: NE NE 12-10S-19E	U-4484	640.00	Wexpro Company - 100%
Island Unit 80	SL: NW NE 12-10S-19E BHL: SE NE 12-10S-19E	U-4484	640.00	Wexpro Company - 100%
Island Unit 81	SL: NW NE 12-10S-19E BHL: SW NE 12-10S-19E	U-4484	640.00	Wexpro Company - 100%
Island Unit 82	SL: NW NE 12-10S-19E BHL: SW SE 1-10S-19E	U-4481	1,282.52	Wexpro Company - 100%

I would like to point out that all leases within the Island Unit Participating Area "A" on which these wells are proposed to be drilled, are fully committed to the Island Unit and subject to the Island Unit Agreement and Unit Operating Agreement. Also, within the directional path of these wells (surface location to bottom hole location), all such acreage within 460ft is owned by Wexpro and does not require us to obtain the approval of other parties regarding our intended operations.

At this time, Wexpro respectfully requests that the Division approve the APD's as submitted. Should you have any questions, please call me at 303-672-6982.

Sincerely,

WEXPRO COMPANY



A.L. Stennett  
District Landman

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NOV 13 2000

DIVISION OF  
OIL, GAS AND MINING



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Kathleen Clarke  
Executive Director

Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

November 27, 2000

Wexpro Company  
PO Box 458  
Rock Springs, WY 82902

Re: Island U 77 Well, 200' FNL, 1900' FWL, NW NW, Sec. 12, T. 10 South, R. 19 East,  
Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-33757.

Sincerely,

John R. Baza  
Associate Director

er

Enclosures

cc: Uintah County Assessor  
Bureau of Land Management, Vernal District Office

Operator: Wexpro Company  
Well Name & Number Island U 77  
API Number: 43-047-33757  
Lease: U 4484

Location: NW NW Sec. 12 T. 10 South R. 19 East

### Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

b. TYPE OF WELL

OIL ☐

GAS

WELL ☐

WELL ☒

OTHER

SINGLE

ZONE ☐

MULTIPLE

ZONE ☐

2. NAME OF OPERATOR

WEXPRO COMPANY

3. ADDRESS AND TELEPHONE NO.

P. O. BOX 458, ROCK SPRINGS, WY 82902 (307) 382-9791

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface 321' FWL, 362' FNL, NW NW Section 12, Township 10 South, Range 19 East

At proposed prod. zone 200' FNL, 1900' FWL, NE NW Section 12, Township 10 South, Range 19 East

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

Approximately 20 miles southwest of Ouray, Utah

15. DISTANCE FROM PROPOSED\*  
LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

200'

16. NO. OF ACRES IN LEASE

640

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

NA

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED  
OR APPLIED FOR, ON THIS LEASE, FT.

1580

19. PROPOSED DEPTH

8,047' TVD

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR. etc.)

GR 4999'

22. APPROX. DATE WORK WILL START\*

Upon approval

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8", K-55	36#	350'	Please refer to drilling plan
7-7/8"	4-1/2", N-80	11.6#	8,467' MVD	Please refer to drilling plan

Please refer to attached Drilling Plan for details.

Please be advised that Wexpro Company is considered to be the operator of the above well and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Nationwide Bond No. SL67308873, BLM Bond No. ES0019.

This well will be drilled directionally from the Island Unit Well No. 21 location.

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JAN 02 2001

DIVISION OF  
OIL, GAS AND MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

G. T. Nimmo, Operations Manager

TITLE

DATE

(This space for Federal or State office use)

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY

TITLE

Assistant Field Manager  
Mineral Resources

DATE

\* See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Wexpro Company  
Well Name & Number: Island Unit #77  
API Number: 43-047-33757  
Lease Number: U - 4484  
Surface Location: NWNW Sec. 12 T. 10S R. 19E  
Down Hole Location: NENW Sec. 12 T. 10S R. 19E  
Agreement: Island Unit

**NOTIFICATION REQUIREMENTS**

- |                                 |   |  |
|---------------------------------|---|--|
| Location Construction           | - | at least forty-eight (48) hours prior to construction of location and access roads.  |
| Location Completion             | - | prior to moving on the drilling rig.   |
| Spud Notice                     | - | at least twenty-four (24) hours prior to spudding the well.  |
| Casing String and Cementing     | - | at least twenty-four (24) hours prior to running casing and cementing all casing strings.  |
| BOP and Related Equipment Tests | - | at least twenty-four (24) hours prior to initiating pressure tests.  |
| First Production                | - | within five (5) business days after new well begins, or Notice production resumes after well has been off production for more than ninety (90) days. |

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

## CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

### A. DRILLING PROGRAM

#### 1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to Tim Ingwell of this office **prior to setting the next casing string or requesting plugging orders**. Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected.

#### 2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a 3M system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

#### 3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

As a minimum, the usable water shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the usable water zone, identified at 3,580(MD) ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. **One copy of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4.** Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5(d) shall be submitted to the appropriate Field Office within 60 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (1).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling on-Lease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted on initial meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal Field Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, please contact one of the following individuals:

Ed Forsman                      (435) 789-7077 (HOME)              (435) 646-1685 (PAGER)  
Petroleum Engineer

Jerry Kenczka                      (435) 781-1190 (HOME)              (435) 646-1676 (PAGER)  
Petroleum Engineer

BLM FAX Machine              (435) 781-4410

## EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

**SURFACE USE PROGRAM  
CONDITIONS OF APPROVAL (COAs)**

Location of Existing and/or Proposed Facilities

The material for construction of the containment dike around the tank battery shall be non-permeable subsoils and at no time shall topsoil be used for this construction.

Methods for Handling Water Disposal

The reserve pit shall be lined according to Vernal Field Office standards unless an authorized officer of the Field Office determines a liner is not required.

Plans For Reclamation Of Location

All seeding for reclamation operations at this location shall use the following seed mixture:

shadscale	Atriplex confertifolia	4 lbs/acre
gardner saltbush	Atriplex gardneri	4 lbs/acre
galleta grass	Hilaria jamesii	3 lbs/acre
bud sage brush	Artemisia spinescens	1 lbs/acre

The seed mixture shall be drilled; but, if the seed mixture is to be aerially broadcasted, the pounds per acre shall be doubled. All seed poundages are in Pure Live Seed.

Immediately after construction the stockpiled topsoil will be seeded and the seed worked into the soil by "walking" the pile with caterpillar tracks.

Other Information

Before construction is initiated workers will walk the area of the new location and the immediate area of Well No. 21 which overlaps this location to remove all trash, waste materials and surplus items and dispose in an approved manner.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: WEXPRO COMPANY

Well Name: ISLAND U 77

Api No. 43-047-33757 LEASE TYPE: FEDERAL

Section 12 Township 10S Range 19E County UINTAH

Drilling Contractor BILL JR RIG # RATHOLE

SPUDDED:

Date 01/09/2001

Time NOON

How DRY

Drilling will commence \_\_\_\_\_

Reported by WALT LOWRY - CONSULTANT

Telephone # \_\_\_\_\_

Date 01/10/2001 Signed: CHD



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

**SUBMIT IN TRIPLICATE**

1. TYPE OF WELL

OIL GAS  
☐ WELL ☒ WELL ☐ OTHER

2. NAME OF OPERATOR

WEXPRO COMPANY

3. ADDRESS AND TELEPHONE NO.

P. O. BOX 458, ROCK SPRINGS, WY 82902 (307) 382-9791

4. LOCATION OF WELL (FOOTAGE, SEC., T., R., M., OR SURVEY DESCRIPTION)

321' FWL, 362' FNL, NW NW 12-10S-19E - Surface  
200' FNL, 1900' FWL, NE NW 12-10S-19E - Bottom hole

5. LEASE DESIGNATION AND SERIAL NO.

U-4484

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

7. IF UNIT OR CA, AGREEMENT DESIGNATION

ISLAND

8. WELL NAME AND NO.

ISLAND UNIT NO. 77

9. API WELL NO.

43-047-33757

10. FIELD AND POOL, OR EXPLORATORY AREA

ISLAND

11. COUNTY OR PARISH, STATE

UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Well History  
☐ Change in Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

The above captioned well was spud on 01/09/01 at 10:00 a.m. using Bill Jr.'s Rathole Drilling.  
Eight joints of 9-5/8-inch casing was run to 370'. Present operation is cementing.

**RECEIVED**

**JAN 16 2001**

**DIVISION OF  
OIL, GAS AND MINING**

14. I hereby certify that the foregoing is true and correct

Signed

G. T. Nimmo, Operations Manager

Title

January 10, 2001

Date

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S. C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

**ENTITY ACTION FORM**

Operator: Wexpro Company  
Address: P. O. Box 458  
Rock Springs, WY 82902-0458

Operator Account Number: N 1070

Phone Number: 307-382-9791

**Well 1**

API Number	WELL NAME		QQ	Sec	Twp	Rng	County
43-047-33755	Island Unit Well No. 76		NW NW	12	10S	19E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
B	99999	1060	01/10/2001			1-10-01	

Comments Well was dry hole spud using Bill Jr.'s Rathole Drilling 1-19-01

**Well 2**

API Number	WELL NAME		QQ	Sec	Twp	Rng	County
43-047-33756	Island Unit Well No. 75		NW NW	12	10S	19E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
B	99999	1060	01/11/2001			1-11-01	

Comments Well was dry hole spud using Bill Jr.'s Rathole Drilling 1-19-01

**Well 3**

API Number	WELL NAME		QQ	Sec	Twp	Rng	County
43-047-33757	Island Unit Well No. 77		NW NW	12	10S	19E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
B	99999	1060	01/09/2001			1-9-01	

Comments Well was dry hole spud using Bill Jr.'s Rathole Drilling 1-19-01

**Well 4**

API Number	WELL NAME		QQ	Sec	Twp	Rng	County
43-047-33758	Island Unit Well No. 78		NW NW	12	10S	19E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
B	99999	1060	01/11/2001			1-11-01	

Comments Well was dry hole spud using Bill Jr.'s Rathole Drilling 1-19-01

**ACTION CODES:**

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in "Comments" section)

G. T. Nimmo  
Name (Please Print)

**RECEIVED**

Signature

JAN 19 2001 Operations Manager

Title

Date

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

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U-4484

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ISLAND UNIT NO. 77

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☒ Subsequent Report  
☐ Final Abandonment Notice

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(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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Attached are the daily drilling reports for the above well through January 11, 2001.

14. I hereby certify that the foregoing is true and correct

Signed

G. T. Nimmo, Operations Manager

Title

January 17, 2001

Date

(This space for Federal or State office use)

Approved by

Title

Date

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JAN 23 2001

DIVISION OF  
OIL, GAS AND MINING

ISLAND UNIT NO. 77

Island Unit No. 77  
Wexpro Company  
362' FNL, 321' FWL, NW NW (Surface)  
200' FNL 1900' FWL, NE NW (Target)  
12-T10S-R19E  
Uintah County, UT

API No: 43-047-33757  
Lease No: U-4484  
Projected Depth: 8047' TVD  
Ground Elevation: 4998'+  
KB Elevation: 5010'+

*Drilling Contractor:*

1/10/01: Day 1

Cement surface casing in the Uintah formation at 370 ft BGL. Drilled 375' in 5 hrs. MW:Mist. 12 hrs - MIRU Bill Jr's to preset conductor pipe, surface casing, rathole and mousehole. Set 14" x 1/4" WT conductor pipe at 5' 4" BGL. Spudded well at 10 am on 1/9/01. Drilled 12-1/4" hole to 375' w/mist. Hit water at 200'. Circ hole clean. POH. LD BHA and DP. RU tongs. Run 8 jts (369.75') of 9.625", 36#, K-55, ST&C to 368' BGL. Insert valve at 323'. Hole full of water. SDFN. Plan on cementing casing at 7 am. W. Lowry

1/11/01: Day 2

2-3/4 hrs - RU Halliburton. Hold Safety meeting. Fill casing w/fresh water. Pump 20 bbls FW and 20 bbls gel water. Start cement. Mix and pump 230 sks Premium AG 300 bulk cement + 2% CACI2 + 0.125#/sk poly flake. Mix cement at 15.8 ppg w/yield of 1.15 cf/sk. Full circulation throughout job. Displace w/25 bbls FW. Bump plug w/500 psi; float held. Circ 22 bbls cement to surf. CIP at 9 am 1/10/01. W. Lowry

RECEIVED

JAN 23 2001

DIVISION OF  
OIL, GAS AND MINING

# WEXPRO COMPANY CASING & CEMENT REPORT

WELL NAME: **Island Unit #77 (PAD 12: 1/4)** W.O.# **50688** DATE: **January 10, 2001**

SEC:	12	TWP:	10S	RANGE:	19E	COUNTY:	UINTAH	STATE:	UT
DEPTH OF HOLE:	376'	SIZE:	12 1/4	DRILLING FOREMAN:	Walt Lowry				
SURFACE ELEV:	4998'	ROTARY KB HEIGH (c+d):	0.00	KB ELEV:	4998'				

## CASING DETAIL

DESCRIPTION TOP TO BOTTOM: **PRODUCTION CASING**  
(Include wellhead equipment that is below G. L.)

	LENGTH
1 JT: 9 5/8" 36#/ft K55 STC CASING LANDING JOINT	47.00
6 JTS: 9 5/8" 36.0#/ft K55 STC CASING	277.60
1 WEATHERFORD 9 5/8" INSERT FLOAT VALVE	0.0
1 JT: 9 5/8" 36#/ft K55 STC CASING SHOE JOINT	45.15
1 WEATHERFORD 9 5/8" GUIDE SHOE	1.00
STRAP OF CASING IN HOLE (JOINT #1 IS SHOE JOINT)	
1- 45.15	
2- 45.35	
3- 45.20	
4- 47.30	
5- 47.30	
6- 45.50	
7- 46.95	
8- 47.00	
(A) TOTAL LENGTH CEMENTED	370.75
(B) TOP OF CSG. FLANGE TO G.L.	
(C) GROUND LEVEL TO TOP OF ROTARY TABLE	
(D) ROTARY TABLE TO TOP OF KELLY BUSHINGS	
(A+B+C+D) CASING LANDED AT	370.75 FT. KBM
CENTRALIZERS AT:	
	323 278 233 186 138
	46
CASING LEFT ON RACKS:	
PC	
jts.	

## CEMENT DETAIL

**FIRST STAGE:**

Gal. ( / ) @ lb/gal CEMENTED w/ 230 sks of PREMIUM AG 300  
with 3% CaCl2

YIELD: 1.15 cu. Ft/sx WT: 15.80 b/gal TAILED in w/ sks of

YIELD: cu. Ft/sx WT: lb/gal DISPLACED @ bpm w/ bbls ( / )

BUMP PLUG ( Y / ) FINAL PUMP PRESS. 500 psi FLOAT EQUIP. ( Y / ) HOLD

CIRCULATED CASING 1/2 hr (s) CASING ( / )

CALCULATED CMT. TOP: SURFACE CEMENT IN PLACE @ 9:00 ( AM / )

**CIRC 22 BBLs CEMENT TO SURFACE. CEMENT STAYED AT SURFACE. GOOD CIRC THROUGHOUT JOB.**

**SECOND STAGE**

Gal. ( water / mud flush ) @ lb/gal CEMENTED w/ sks of

YIELD: cu. Ft/sx WT: b/gal TAILED in w/ sks of

YIELD: cu. Ft/sx WT: b/gal DISPLACED @ bpm w/ bbls ( water / mud )

BUMP PLUG ( Y / N ) FINAL PUMP PRESS. psi FLOAT EQUIP. ( / ) HOLD

CIRCULATED CASING hr (s) CASING ( ROTATED / RECIPROCATED )

CALCULATED CMT. TOP: EMENT IN PLACE @ ( am / pm ) 3 2001

REMARKS:

DIVISION OF  
OIL, GAS AND MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

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200' FNL, 1900' FWL, NE NW 12-10S-19E - Bottom hole

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U-4484

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ISLAND

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ISLAND UNIT NO. 77

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43-047-33757

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Attached are the daily drilling reports for the above well.

RECEIVED

FEB 07 2001

DIVISION OF  
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct

Signed G. T. Nimmo Title G. T. Nimmo, Operations Manager

Date February 5, 2001

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any:

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ISLAND UNIT NO. 77

Island Unit No. 77  
Wexpro Company  
362' FNL, 321' FWL, NW NW (Surface)  
200' FNL 1900' FWL, NE NW (Target)  
12-T10S-R19E  
Uintah County, UT

API No: 43-047-33757  
Lease No: U-4484  
Projected Depth: 8047' TVD  
Ground Elevation: 4998'±  
KB Elevation: 5010'±

*Drilling Contractor:*

1/10/01: Day 1

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1/11/01: Day 2

2-3/4 hrs - RU Halliburton. Hold Safety meeting. Fill casing w/fresh water. Pump 20 bbls FW and 20 bbls gel water. Start cement. Mix and pump 230 sks Premium AG 300 bulk cement + 2% CACl2 + 0.125#/sk poly flake. Mix cement at 15.8 ppg w/yield of 1.15 cf/sk. Full circulation throughout job. Displace w/25 bbls FW. Bump plug w/500 psi; float held. Circ 22 bbls cement to surf. CIP at 9 am 1/10/01. W. Lowry

1/31/01

Pressure test BOP in the Uintah formation at 370 ft. 4 hrs - RU rotary tools. 14 hrs - NU BOP and work on RU. 5 hrs - pressure test BOP (tighten leaks). G. Ronholdt

2/01/01

PU BHA in the Uintah formation at 361 ft. MW:8.4 VIS:27. 18½ hrs - pressure test BOP equip (tighten leaks and work on accumulator pump). 5½ hrs - PU BHA and go in hole. Daywork started at 12:30 pm on 1/31/01. G. Ronholdt

2/02/01: Day 1

Drilling in the Uintah formation at 1350 ft. Drilled 969' in 16 hrs. MW:8.4 VIS:27. 1 hr - TIH w/BHA. 5 ½ hrs - drilling cement, float collar and shoe, formation to 390'. ½ hr - perform formation integrity test to 13# equivalent ½ hr - service rig. ½ hr - surveyed 716' at 1/4°. No shows. True Drilling Rig #27 spudded well at 1:30 on 2/1/01. Ronholdt

RECEIVED

FEB 07 2001

DIVISION OF  
OIL, GAS AND MINING

**ISLAND UNIT NO. 77**

2/3/01: Day 2

Drilling in the Uintah formation at 1928 ft. Drilled 578' in 17 hrs. MW:8.4 VIS:27. ½ hr - service rig. 2 hrs - TOH. LD DCs. 2 hrs - PU and align BHA. 2 ½ hrs - TIH, survey for tie-in. No shows. Surveys:

DEPTH	INCL.	AZIM.	TVD	SECTION	N+/S-	E+/W-	DLS
1066'	0.30	146.3	1066'	1.63	0.36	1.67	0.07
1436'	1.30	179.0	1436'	1.72	5.37	2.28	0.29
1467'	1.20	175.0	1467'	1.69	6.04	2.323	0.41
1498'	1.60	105.2	1498'	2.08	6.48	2.76	5.31
1529'	3.30	104.3	1529'	3.32	6.81	4.04	5.49
1561'	4.20	101.0	1561'	5.31	7.26	6.08	2.89
1593'	5.40	99.7	1593'	7.88	7.74	8.72	3.77
1624'	6.10	98.8	1624'	10.88	8.24	11.78	2.28
1656'	6.90	93.4	1655'	14.42	8.61	15.38	3.14
1687'	7.50	86.5	1686'	18.28	8.60	19.26	3.39
1719'	8.60	83.9	1718'	22.76	8.22	23.73	3.62
1749'	9.40	82.0	1747'	27.45	7.64	28.38	2.84
1780'	10.60	80.8	1778'	32.83	6.83	33.70	3.93
1810'	11.70	79.4	1807'	38.62	5.83	39.42	3.78

2/4/01: Day 3

Drilling in the Uintah formation at 3033 ft. Drilled 1105' in 23½ hrs. MW:8.4 VIS:27. ½ hr - service rig, function test BOPs. No shows. Surveys:

DEPTH	INCL.	AZIM.	TVD	SECTION	N+/S-	E+/W-	DLS
1841'	12.5	79.6	1838'	45.09	4.64	45.81	2.58
1872'	13.3	80.3	1868'	52.0	3.44	52.62	2.63
1903'	13.9	81.2	1898'	59.27	2.27	59.82	2.05
1935'	14.4	80.7	1929'	67.08	1.04	67.54	1.61
1967'	15.0	80.5	1960'	75.19	0.29	75.55	1.88
1999'	15.6	80.5	1991'	83.61	1.68	83.88	1.87
2030'	16.1	79.6	2021'	92.06	3.15	92.22	1.80
2061'	17.0	80.9	2050'	100.87	4.64	100.92	3.14
2092'	18.1	80.8	2080'	110.20	6.13	110.15	3.55
2124'	19.5	82.0	2110'	120.50	7.66	120.35	4.54
2155'	21.2	82.6	2139'	131.28	9.11	131.03	5.52
2187'	22.9	83.0	2169'	143.28	10.61	142.95	5.33
2219'	24.3	82.4	2198'	156.09	12.24	155.65	4.44
2249'	25.2	81.6	2226'	168.64	13.99	168.09	3.20
2280'	25.7	79.1	2254'	181.93	16.23	181.22	3.82
2312'	26.4	79.3	2282'	195.93	18.86	195.03	2.20



2343'	27.1	78.8	2310'	209.83	21.51	208.00	2.37
2374'	28.4	78.8	2337'	224.20	24.31	72.00	4.19

2/5/01: Day 4

Tripping for Bit in the Uintah formation at 3985 ft. Drilled 952' in 22 hrs. MW:8.4 VIS:27. ½ hr - service rig. function test BOPs. 1 ½ hrs - tripping for bit. No shows. Surveys:

DEPTH	INCL.	AZIM.	TVD	SECTION	N+/S-	E+/W-	DLS
2406'	30.1	79.4	2365'	239.77	27.25	238.23	5.39
2437'	30.1	78.3	2392'	255.26	30.26	253.48	1.78
2500'	28.0	78.0	2447.25	285.68	36.54	283.42	3.34
2562'	26.8	77.3	2502.29	314.04	42.64	311.29	2.00
2593'	26.4	76.8	2530.01	327.82	45.75	324.82	1.48
2657'	26.8	82.6	2587.25	356.36	50.85	352.98	4.10
2720'	27.8	84.6	2643.23	385.25	54.07	381.69	2.15
2782'	26.9	86.9	2698.30	413.72	56.19	410.09	2.24

G. Ronholdt

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FEB 07 2001

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BUREAU OF LAND MANAGEMENT

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FEB 15 2001

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OIL, GAS AND MINING

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Signed  Title G. T. Nimmo, Operations Manager

February 13, 2001

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any:

Title 18 U.S. C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

ISLAND UNIT NO. 77

Island Unit No. 77  
Wexpro Company  
362' FNL, 321' FWL, NW NW (Surface)  
200' FNL 1900' FWL, NE NW (Target)  
12-T10S-R19E  
Uintah County, UT

API No: 43-047-33757  
Lease No: U-4484  
Projected Depth: 8047' TVD  
Ground Elevation: 4998'+  
KB Elevation: 5010'+

*Drilling Contractor:*

1/10/01: Day 1

Cement surface casing in the Uintah formation at 370 ft BGL. Drilled 375' in 5 hrs. MW:Mist. 12 hrs - MIRU Bill Jr's to preset conductor pipe, surface casing, rathole and mousehole. Set 14" x 1/4" WT conductor pipe at 5' 4" BGL. Spudded well at 10 am on 1/9/01. Drilled 12-1/4" hole to 375' w/mist. Hit water at 200'. Circ hole clean. POH. LD BHA and DP. RU tongs. Run 8 jts (369.75') of 9.625", 36#, K-55, ST&C to 368' BGL. Insert valve at 323'. Hole full of water. SDFN. Plan on cementing casing at 7 am. W. Lowry

1/11/01: Day 2

2-3/4 hrs - RU Halliburton. Hold Safety meeting. Fill casing w/fresh water. Pump 20 bbls FW and 20 bbls gel water. Start cement. Mix and pump 230 sks Premium AG 300 bulk cement + 2% CACI2 + 0.125#/sk poly flake. Mix cement at 15.8 ppg w/yield of 1.15 cf/sk. Full circulation throughout job. Displace w/25 bbls FW. Bump plug w/500 psi; float held. Circ 22 bbls cement to surf. CIP at 9 am 1/10/01. W. Lowry

1/31/01

Pressure test BOP in the Uintah formation at 370 ft. 4 hrs - RU rotary tools. 14 hrs - NU BOP and work on RU. 5 hrs - pressure test BOP (tighten leaks). G. Ronholdt

2/01/01

PU BHA in the Uintah formation at 361 ft. MW:8.4 VIS:27. 18½ hrs - pressure test BOP equip (tighten leaks and work on accumulator pump). 5½ hrs - PU BHA and go in hole. Daywork started at 12:30 pm on 1/31/01. G. Ronholdt

2/02/01: Day 1

Drilling in the Uintah formation at 1350 ft. Drilled 969' in 16 hrs. MW:8.4 VIS:27. 1 hr - TIH w/BHA. 5 ½ hrs - drilling cement, float collar and shoe, formation to 390'. ½ hr - perform formation integrity test to 13# equivalent ½ hr - service rig. ½ hr - surveyed 716' at 1/4°. No shows. True Drilling Rig #27 spudded well at 1:30 on 2/1/01. Ronholdt

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**ISLAND UNIT NO. 77**

2/3/01: Day 2

Drilling in the Uintah formation at 1928 ft. Drilled 578' in 17 hrs. MW:8.4 VIS:27. ½ hr - service rig. 2 hrs - TOH. LD DCs. 2 hrs - PU and align BHA. 2 ½ hrs - TIH, survey for tie-in. No shows. Surveys:

DEPTH	INCL.	AZIM.	TVD	SECTION	N+/S-	E+/W-	DLS
1066'	0.30	146.3	1066'	1.63	0.36	1.67	0.07
1436'	1.30	179.0	1436'	1.72	5.37	2.28	0.29
1467'	1.20	175.0	1467'	1.69	6.04	2.323	0.41
1498'	1.60	105.2	1498'	2.08	6.48	2.76	5.31
1529'	3.30	104.3	1529'	3.32	6.81	4.04	5.49
1561'	4.20	101.0	1561'	5.31	7.26	6.08	2.89
1593'	5.40	99.7	1593'	7.88	7.74	8.72	3.77
1624'	6.10	98.8	1624'	10.88	8.24	11.78	2.28
1656'	6.90	93.4	1655'	14.42	8.61	15.38	3.14
1687'	7.50	86.5	1686'	18.28	8.60	19.26	3.39
1719'	8.60	83.9	1718'	22.76	8.22	23.73	3.62
1749'	9.40	82.0	1747'	27.45	7.64	28.38	2.84
1780'	10.60	80.8	1778'	32.83	6.83	33.70	3.93
1810'	11.70	79.4	1807'	38.62	5.83	39.42	3.78

2/4/01: Day 3

Drilling in the Uintah formation at 3033 ft. Drilled 1105' in 23½ hrs. MW:8.4 VIS:27. ½ hr - service rig, function test BOPs. No shows. Surveys:

DEPTH	INCL.	AZIM.	TVD	SECTION	N+/S-	E+/W-	DLS
1841'	12.5	79.6	1838'	45.09	4.64	45.81	2.58
1872'	13.3	80.3	1868'	52.0	3.44	52.62	2.63
1903'	13.9	81.2	1898'	59.27	2.27	59.82	2.05
1935'	14.4	80.7	1929'	67.08	1.04	67.54	1.61
1967'	15.0	80.5	1960'	75.19	0.29	75.55	1.88
1999'	15.6	80.5	1991'	83.61	1.68	83.88	1.87
2030'	16.1	79.6	2021'	92.06	3.15	92.22	1.80
2061'	17.0	80.9	2050'	100.87	4.64	100.92	3.14
2092'	18.1	80.8	2080'	110.20	6.13	110.15	3.55
2124'	19.5	82.0	2110'	120.50	7.66	120.35	4.54
2155'	21.2	82.6	2139'	131.28	9.11	131.03	5.52
2187'	22.9	83.0	2169'	143.28	10.61	142.95	5.33
2219'	24.3	82.4	2198'	156.09	12.24	155.65	4.44
2249'	25.2	81.6	2226'	168.64	13.99	168.09	3.20
2280'	25.7	79.1	2254'	181.93	16.23	181.22	3.82
2312'	26.4	79.3	2282'	195.93	18.86	195.03	2.20

2343'	27.1	78.8	2310'	209.83	21.51	208.00	2.37
2374'	28.4	78.8	2337'	224.20	24.31	72.00	4.19

2/5/01: Day 4

Tripping for Bit in the Uintah formation at 3985 ft. Drilled 952' in 22 hrs. MW:8.4 VIS:27. ½ hr - service rig. function test BOPs. 1 ½ hrs - tripping for bit. No shows. Surveys:

DEPTH	INCL.	AZIM.	TVD	SECTION	N+/S-	E+/W-	DLS
2406'	30.1	79.4	2365'	239.77	27.25	238.23	5.39
2437'	30.1	78.3	2392'	255.26	30.26	253.48	1.78
2500'	28.0	78.0	2447.25	285.68	36.54	283.42	3.34
2562'	26.8	77.3	2502.29	314.04	42.64	311.29	2.00
2593'	26.4	76.8	2530.01	327.82	45.75	324.82	1.48
2657'	26.8	82.6	2587.25	356.36	50.85	352.98	4.10
2720'	27.8	84.6	2643.23	385.25	54.07	381.69	2.15
2782'	26.9	86.9	2698.30	413.72	56.19	410.09	2.24

G. Ronholdt

2/6/01: Day 5

Drilling in the Uintah formation at 4715 ft. Drilled 730' in 18 hrs. MW:8.4 VIS:27. 1 ½ hrs - trip for bit. ½ hr - function BOP (blind rams). 1 ½ hrs - change BHA (bit and motor), set motor and align UBHO sub. 2 hrs - TIH. ½ hr - service rig. No shows. Surveys:

DEPTH	INCL.	AZIM.	TVD	SECTION	N+/S-	E+/W-	DLS
4243'	30.1	82.0	3970'	1129.61	109.6	1124.31	1.42
4305'	29.6	80.5	4025'	1160.43	114.29	1154.81	1.45
4368'	29.8	80.7	4079'	1191.59	119.39	1185.81	0.35
4431'	28.4	80.8	4134'	1222.18	124.32	1215.85	2.22
4493'	28.0	84.6	4189'	1251.46	128.04	1244.89	2.97
4555'	27.8	84.4	4244'	1280.47	130.82	1273.77	0.36
4616'	28.4	85.0	4298'	1309.20	133.48	1302.38	1.09
4680'	27.1	86.0	4354'	1338.98	135.82	1332.08	2.16

G. Ronholdt

2/7/01: Day 6

Drilling in the Wasatch formation at 5579 ft. Drilled 864' in 23½ hrs. MW:8.6 VIS:27. ½ hr - service rig, function test BOP. No shows. Surveys:

DEPTH	INCL.	AZIM.	TVD	SECTION	N+/S-	E+/W-	DLS
5357'	13.3	78.8	4976'	1600.72	163.80	1592.32	1.34
5387'	12.8	79.2	5006'	1607.47	165.10	1598.97	1.69
5419'	11.7	79.4	5037'	1614.24	166.36	1605.64	3.44
5450'	10.0	78.3	5067'	1620.05	167.48	1611.37	5.52

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5482'	8.3	80.1	5100'	1625.12	168.44	1616.37	5.39
5513'	7.1	84.2	5130'	1629.27	169.02	1620.48	4.25
5544'	6.1	86.7	5161'	1632.83	169.31	1624.03	3.36
5574'	5.19	86.2	5190'30	1635.75	169.49	1626.95	3.34

G. Ronholdt

## ISLAND UNIT NO. 77

2/8/01: Day 7

Drilling in the Uintah formation at 6300 ft. Drilled 721' in 23½ hrs. MW:8.6 VIS:26. ½ hr - service rig, function test BOP. No shows. Surveys:

DEPTH	INCL.	AZIM.	TVD	SECTION	N+/S-	E+/W-	DLS
5853'	1.40	226.3	5469'	1639.63	167.65	1631.04	0.77
5915'	1.50	225.2	5531'	1638.40	166.56	1629.92	0.17
5979'	1.40	222.1	5595'	1637.16	165.39	1628.80	0.20
6042'	1.70	216.2	5658'	1635.96	164.06	1627.73	0.54
6104'	0.90	231.7	5720'	1634.93	163.02	1626.80	1.40
6166'	0.90	222.5	5782'	1634.16	162.36	1626.09	0.23
6227'	0.80	244.7	5843.09	1633.40	161.82	1625.38	0.56
6288'	0.90	232.4	5904'	1632.59	161.35	1624.62	0.34

G. Ronholdt

2/9/01: Day 8

Kill well. Drilled 454' in 14 hrs. MW: 8.6 VIS:26. ½ hr - rig svs. 6 hrs - Trip out for bit. 1 hr - change BHA. 2 ½ hrs - well kicked, bullhead fluid in from surface to get pressure down. Will try to strip in hole.

G. Ronholdt

2/10/01: Day 9

Drilling in the Uintah formation at 6965 ft. Drilled 211' in 4½ hrs. MW:8.6 VIS:27. 1 hr - pump fluid thru kill line to kill well. 3 hrs - TIH. Try to circ motor and monel, plugged w/approx 5' pipe scale. 1 hr - install rotating head. 2 ½ hrs - TOH (pipe stayed full). ½ hr - unplug motor and monel. 2 hrs - TIH. 1 hr - slip and cut DL. 3 ½ hrs - TIH. 1 ½ hrs - circ out gas. 3 ½ hrs - TIH (wash and ream tight spots). No shows. Surveys:

DEPTH	INCL.	AZIM.	TVD	SECTION	N+/S-	E+/W-	DLS
6320'	1.00	207.5	5936'	1632.22	160.95	1624.29	1.32
6382'	1.40	238.1	5998'	1631.24	160.07	1623.40	1.20
6442'	1.40	255.5	6058'	1629.85	159.49	1622.07	0.71
6503'	1.50	250.5	6119'	1628.34	159.04	1620.59	0.26
6565'	1.10	273.2	6181'	1626.96	158.80	1619.23	1.04
6626'	1.40	256.2	6242'	1625.65	158.66	1617.93	0.78
6688'	1.80	255.6	6304'	1623.93	158.24	1616.25	0.65

ISLAND UNIT NO. 77

2/11/01: Day 10

Drilling in the Uintah formation at 7607 ft. Drilled 642' in 21 hrs. MW:9.1 VIS:27. ½ hr - serviced rig, function BOP. 2 hrs - surveyed. ½ hr - attempt to survey; fouled WL on survey machine. Raised MW to 9.1 w/brine water to kill gas. No shows. Surveys:

DEPTH	INCL.	AZIM.	TVD	SECTION	N+/S-	E+/W-	DLS
6719'	1.60	262.7	6335'	1623.02	158.06	1615.35	0.94
7433'	2.00	248.0	7049'	1601.08	152.13	1593.91	0.09

2/12/01: Day 11

TIH in the Uintah formation at 7918 ft. Drilled 311' in 15 ½ hrs. MW:9.2 VIS:28. ½ hr - service rig, function BOP. 1 ½ hrs - repair air lines and throttle control. 1 hr - repair air lines. 3 ½ hrs - trip for press loss (found hole just above slip area in 47<sup>th</sup> stand, 16.6#/ft Grade # pipe). 1 hr - LD jt w/hole and PU 10 jts Grade E pipe. 1 hr - TIH. No shows. G. Ronholdt

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**DIVISION OF  
OIL, GAS AND MINING**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. TYPE OF WELL

OIL ☐ WELL GAS ☒ WELL ☐ OTHER

2. NAME OF OPERATOR

WEXPRO COMPANY

3. ADDRESS AND TELEPHONE NO.

P. O. BOX 458, ROCK SPRINGS, WY 82902 (307) 382-9791

4. LOCATION OF WELL (FOOTAGE, SEC., T., R., M., OR SURVEY DESCRIPTION)

321' FWL, 362' FNL, NW NW 12-10S-19E - Surface  
200' FNL, 1900' FWL, NE NW 12-10S-19E - Bottom hole

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Well History  
☐ Change in Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Attached are the daily drilling reports for the above well.

14. I hereby certify that the foregoing is true and correct

Signed G. T. Nimmo Title G. T. Nimmo, Operations Manager Date February 20, 2001

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

5. LEASE DESIGNATION AND SERIAL NO  
U-4484

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
NA

7. IF UNIT OR CA, AGREEMENT DESIGNATION  
ISLAND

8. WELL NAME AND NO.

ISLAND UNIT NO. 77

9. API WELL NO.  
43-047-33757

10. FIELD AND POOL, OR EXPLORATORY AREA  
ISLAND

11. COUNTY OR PARISH, STATE  
UINTAH COUNTY, UTAH

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DIVISION OF  
OIL, GAS AND MINING



ISLAND UNIT NO. 77

Island Unit No. 77  
Wexpro Company  
362' FNL, 321' FWL, NW NW (Surface)  
200' FNL 1900' FWL, NE NW (Target)  
12-T10S-R19E  
Uintah County, UT

API No: 43-047-33757  
Lease No: U-4484  
Projected Depth: 8047' TVD  
Ground Elevation: 4998'±  
KB Elevation: 5010'±

*Drilling Contractor:*

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1/11/01: Day 2

2-3/4 hrs - RU Halliburton. Hold Safety meeting. Fill casing w/fresh water. Pump 20 bbls FW and 20 bbls gel water. Start cement. Mix and pump 230 sks Premium AG 300 bulk cement + 2% CACl2 + 0.125#/sk poly flake. Mix cement at 15.8 ppg w/yield of 1.15 cf/sk. Full circulation throughout job. Displace w/25 bbls FW. Bump plug w/500 psi; float held. Circ 22 bbls cement to surf. CIP at 9 am 1/10/01. W. Lowry

1/31/01

Pressure test BOP in the Uintah formation at 370 ft. 4 hrs - RU rotary tools. 14 hrs - NU BOP and work on RU. 5 hrs - pressure test BOP (tighten leaks). G. Ronholdt

2/01/01

PU BHA in the Uintah formation at 361 ft. MW:8.4 VIS:27. 18½ hrs - pressure test BOP equip (tighten leaks and work on accumulator pump). 5½ hrs - PU BHA and go in hole. Daywork started at 12:30 pm on 1/31/01. G. Ronholdt

2/02/01: Day 1

Drilling in the Uintah formation at 1350 ft. Drilled 969' in 16 hrs. MW:8.4 VIS:27. 1 hr - TIH w/BHA. 5 ½ hrs - drilling cement, float collar and shoe, formation to 390'. ½ hr - perform formation integrity test to 13# equivalent ½ hr - service rig. ½ hr - surveyed 716' at 1/4°. No shows. True Drilling Rig #27 spudded well at 1:30 on 2/1/01. Ronholdt

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DIVISION OF  
OIL, GAS AND MINING

**ISLAND UNIT NO. 77**

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Drilling in the Uintah formation at 1928 ft. Drilled 578' in 17 hrs. MW:8.4 VIS:27. ½ hr - service rig. 2 hrs - TOH.  
LD DCs. 2 hrs - PU and align BHA. 2 ½ hrs - TIH, survey for tie-in. No shows. Surveys:

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1529'	3.30	104.3	1529'	3.32	6.81	4.04	5.49
1561'	4.20	101.0	1561'	5.31	7.26	6.08	2.89
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2/4/01: Day 3

Drilling in the Uintah formation at 3033 ft. Drilled 1105' in 23½ hrs. MW:8.4 VIS:27. ½ hr - service rig, function test BOPs. No shows. Surveys:

DEPTH	INCL.	AZIM.	TVD	SECTION	N+/S-	E+/W-	DLS
1841'	12.5	79.6	1838'	45.09	4.64	45.81	2.58
1872'	13.3	80.3	1868'	52.0	3.44	52.62	2.63
1903'	13.9	81.2	1898'	59.27	2.27	59.82	2.05
1935'	14.4	80.7	1929'	67.08	1.04	67.54	1.61
1967'	15.0	80.5	1960'	75.19	0.29	75.55	1.88
1999'	15.6	80.5	1991	83.61	1.68	83.88	1.87
2030'	16.1	79.6	2021'	92.06	3.15	92.22	1.80
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2782'	26.9	86.9	2698.30	413.72	56.19	410.09	2.24

G. Ronholdt

2/6/01: Day 5

Drilling in the Uintah formation at 4715 ft. Drilled 730' in 18 hrs. MW:8.4 VIS:27. 1 ½ hrs - trip for bit. ½ hr - function BOP (blind rams). 1 ½ hrs - change BHA (bit and motor), set motor and align UBHO sub. 2 hrs - TIH. ½ hr - service rig. No shows. Surveys:

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4243'	30.1	82.0	3970'	1129.61	109.6	1124.31	1.42
4305'	29.6	80.5	4025'	1160.43	114.29	1154.81	1.45
4368'	29.8	80.7	4079'	1191.59	119.39	1185.81	0.35
4431'	28.4	80.8	4134'	1222.18	124.32	1215.85	2.22
4493'	28.0	84.6	4189'	1251.46	128.04	1244.89	2.97
4555'	27.8	84.4	4244'	1280.47	130.82	1273.77	0.36
4616'	28.4	85.0	4298'	1309.20	133.48	1302.38	1.09
4680'	27.1	86.0	4354'	1338.98	135.82	1332.08	2.16

G. Ronholdt

2/7/01: Day 6

Drilling in the Wasatch formation at 5579 ft. Drilled 864' in 23½ hrs. MW:8.6 VIS:27. ½ hr - service rig, function test BOP. No shows. Surveys:

DEPTH	INCL.	AZIM.	TVD	SECTION	N+/S-	E+/W-	DLS
5357'	13.3	78.8	4976'	1600.72	163.80	1592.32	1.34
5387'	12.8	79.2	5006'	1607.47	165.10	1598.97	1.69
5419'	11.7	79.4	5037'	1614.24	166.36	1605.64	3.44
5450'	10.0	78.3	5067'	1620.05	167.48	1611.37	5.52

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DIVISION OF  
OIL, GAS AND MINING

5482'	8.3	80.1	5100'	1625.12	168.44	1616.37	5.39
5513'	7.1	84.2	5130'	1629.27	169.02	1620.48	4.25
5544'	6.1	86.7	5161'	1632.83	169.31	1624.03	3.36
5574'	5.19	86.2	5190'30	1635.75	169.49	1626.95	3.34

G. Ronholdt

## **ISLAND UNIT NO. 77**

2/8/01: Day 7

Drilling in the Uintah formation at 6300 ft. Drilled 721' in 23½ hrs. MW:8.6 VIS:26. ½ hr - service rig, function test BOP. No shows. Surveys:

DEPTH	INCL.	AZIM.	TVD	SECTION	N+/S-	E+/W-	DLS
5853'	1.40	226.3	5469'	1639.63	167.65	1631.04	0.77
5915'	1.50	225.2	5531'	1638.40	166.56	1629.92	0.17
5979'	1.40	222.1	5595'	1637.16	165.39	1628.80	0.20
6042'	1.70	216.2	5658'	1635.96	164.06	1627.73	0.54
6104'	0.90	231.7	5720'	1634.93	163.02	1626.80	1.40
6166'	0.90	222.5	5782'	1634.16	162.36	1626.09	0.23
6227'	0.80	244.7	5843.09	1633.40	161.82	1625.38	0.56
6288'	0.90	232.4	5904'	1632.59	161.35	1624.62	0.34

G. Ronholdt

2/9/01: Day 8

Kill well. Drilled 454' in 14 hrs. MW: 8.6 VIS:26. ½ hr - rig svs. 6 hrs - Trip out for bit. 1 hr - change BHA. 2 ½ hrs - well kicked, bullhead fluid in from surface to get pressure down. Will try to strip in hole.

G. Ronholdt

2/10/01: Day 9

Drilling in the Uintah formation at 6965 ft. Drilled 211' in 4½ hrs. MW:8.6 VIS:27. 1 hr - pump fluid thru kill line to kill well. 3 hrs - TIH. Try to circ motor and monel, plugged w/approx 5' pipe scale. 1 hr - install rotating head. 2 ½ hrs - TOH (pipe stayed full). ½ hr - unplug motor and monel. 2 hrs - TIH. 1 hr - slip and cut DL. 3 ½ hrs - TIH. 1 ½ hrs - circ out gas. 3 ½ hrs - TIH (wash and ream tight spots). No shows. Surveys:

DEPTH	INCL.	AZIM.	TVD	SECTION	N+/S-	E+/W-	DLS
6320'	1.00	207.5	5936'	1632.22	160.95	1624.29	1.32
6382'	1.40	238.1	5998'	1631.24	160.07	1623.40	1.20
6442'	1.40	255.5	6058'	1629.85	159.49	1622.07	0.71
6503'	1.50	250.5	6119'	1628.34	159.04	1620.59	0.26
6565'	1.10	273.2	6181'	1626.96	158.80	1619.23	1.04
6626'	1.40	256.2	6242'	1625.65	158.66	1617.93	0.78
6688'	1.80	255.6	6304'	1623.93	158.24	1616.25	0.65

**ISLAND UNIT NO. 77**

2/11/01: Day 10

Drilling in the Uintah formation at 7607 ft. Drilled 642' in 21 hrs. MW:9.1 VIS:27. ½ hr - serviced rig, function BOP. 2 hrs - surveyed. ½ hr - attempt to survey; fouled WL on survey machine. Raised MW to 9.1 w/brine water to kill gas. No shows. Surveys:

DEPTH	INCL.	AZIM.	TVD	SECTION	N+/S-	E+/W-	DLS
6719'	1.60	262.7	6335'	1623.02	158.06	1615.35	0.94
7433'	2.00	248.0	7049'	1601.08	152.13	1593.91	0.09

2/12/01: Day 11

TIH in the Uintah formation at 7918 ft. Drilled 311' in 15 ½ hrs. MW:9.2 VIS:28. ½ hr - service rig, function BOP. 1 ½ hrs - repair air lines and throttle control. 1 hr - repair air lines. 3 ½ hrs - trip for press loss (found hole just above slip area in 47<sup>th</sup> stand, 16.6#/ft Grade # pipe). 1 hr - LD jt w/hole and PU 10 jts Grade E pipe. 1 hr - TIH. No shows. G. Ronholdt

2/13/01: Day 12

Drilling in the Uintah formation at 8310 ft. Drilled 392' in 20½ hrs. MW:9.5 VIS:31. 3 hrs - TIH, LD 9 jts Grade G pipe. ½ hr - service rig, function BOP. No shows. G. Ronholdt

2/14/01: Day 13

Work stuck logging tool in the Uintah formation at 8404 ft. Drilled 94' in 6 hrs. MW:9.5 VIS:34. ½ hr - service rig, function BOP. ½ hr - circ. 2 hrs - short trip 10 stands. 2 ½ hrs - circ and cond for logs. ½ hr - survey and blow out kelly and stand pipe. 6 ½ hrs - TOH for logs. 2 ½ hrs - PU logging tools and go in hole to log. 3 hrs - stuck logging tool at 4900', work stuck tool. No shows. Surveys:

DEPTH	INCL.	AZIM.	TVD	SECTION	N+/S-	E+/W-	DLS
7963'	2.00	242.0	7578'	1583.61	144.32	1577.17	0.04
8404'	1.75	230.5	8019'	1570.86	136.42	1565.18	0.10

G. Ronholdt

2/15/01: Day 14

LD logging tools in the Uintah formation at 8404 ft. MW:9.5 VIS:30. 6 hrs - work stuck logging tool, W.O. fishing tools. 4 hrs - cut and thread WL, PU fishing tools. 7 hrs - TIH to 4700'. Circ out gas. 3 ½ hrs - latch onto fish, pull WL out of rope socket and spool up line. 2 ½ hrs - TOH w/fish. 1 hr - break out and LD fish. No shows. G. Ronholdt

2/16/01: Day 15

Run 4 ½" casing in the Uintah formation at 8404 ft. MW:9.5 VIS:30. 1 hr - LD logging and fishing tools. 5 ½ hrs - TIH. 5 hrs - circ out gas and circ and cond to run casing. 8 ½ hrs - LD drill string. 4 hrs - run 4.5" production casing. No shows. G. Ronholdt

**RECEIVED****FEB 22 2001****DIVISION OF  
OIL, GAS AND MINING**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

**SUBMIT IN TRIPLICATE**

1. TYPE OF WELL

OIL      GAS  
☐ WELL   ☒ WELL   ☐ OTHER

2. NAME OF OPERATOR

WEXPRO COMPANY

3. ADDRESS AND TELEPHONE NO.

P. O. BOX 458, ROCK SPRINGS, WY 82902      (307) 382-9791

4. LOCATION OF WELL (FOOTAGE, SEC., T., R., M., OR SURVEY DESCRIPTION)

321' FWL, 362' FNL NW NW, Section 12-10S-19E (Surface Location)  
1900' FWL, 200' FNL, NE NW Section 12-10S-19E (Bottom Hole Location)

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. LEASE DESIGNATION AND SERIAL NO.

U-4484

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

7. IF UNIT OR CA, AGREEMENT DESIGNATION

ISLAND

8. WELL NAME AND NO.

ISLAND UNIT WELL NO. 77

9. API WELL NO.

43-047-33757

10. FIELD AND POOL, OR EXPLORATORY AREA

ISLAND

11. COUNTY OR PARISH, STATE

UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change in Plans
<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
<input checked="" type="checkbox"/> Other Well History	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Attached is the detailed casing report for the 4-1/2" casing run on February 16, 2001.  
The rig was released at 8:00 pm on February 16, 2001

**RECEIVED**

**APR 02 2001**

**DIVISION OF  
OIL, GAS AND MINING**

14. I hereby certify that the foregoing is true and correct

G. T. NIMMO, Operations Manager

Signed

Title

Date

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

WELL NAME: Island Unit #77 W.O.# 50688 DATE: February 16, 2001

### CASING DETAIL

KB 5010.5  
GR 4998'  
CSG HD 4995'  
9-5/8" CSG 385'  
KOP 1500'  
EOD: 5200'

CSG @: 8404  
TD @: 8404  
VS @: 1571

**FIRST STAGE:**

2,100 Gal. ( MUD / FLUSH ) @ 8.80 lb/gal CEMENTED w/ 550 sks of PREMIUM PLUS  
with 1% EX 1, 1/8# POLY E FLAKE, 16% GEL, 7% HR 7, 3% SALT(BWOC)  
YIELD: 3.85 cu. Ft/sx WT: 11.00 lb/gal TAILED in w 880 sks of PREMIUM 300  
with .6% HALAD 322, 2% GEL, 2% MICROBAND, 2% CBL  
YIELD: 1.52 cu. Ft/sx WT: 14.20 lb/gal DISPLACED @ 7 bpm w/ 130 bbls ( KCL / WTR.  
BUMP PLUG ( Y / ) FINAL PUMP PRESS. 2,300 psi FLOAT EQUIP. ( / DID ) HOLD  
CIRCULATED CASING 2-1/2 hr (s) CASING ( / )  
CALCULATED CMT. TOP: SURFACE CEMENT IN PLACE 14:00 ( / )  
**GOOD RETURNS THROUGHOUT JOB. CIRCULATED APPROX. 10 BBL CEMENT TO  
RESERVE PIT. FLUID LEVEL REMAINED AT SURFACE ON COMPLETION OF JOB.**  
**SET CASING SLIPS WITH \$0,000#**

**SECOND STAGE**

       Gal. ( water / mud flush ) @        lb/gal CEMENTED w/        sks of         
with         
YIELD:        cu. Ft/sx WT:        lb/gal TAILED in w        sks of         
with         
YIELD:        cu. Ft/sx WT:        lb/gal DISPLACED        bpm w/        bbls ( water / mud )  
BUMP PLUG ( Y / N ) FINAL PUMP PRESS.        psi FLOAT EQUIP. ( did / didn't ) HOLD  
CIRCULATED CASING        hr (s) CASING ( ROTATED / RECIPROCATED )  
CALCULATED CMT. TOP:        CEMENT IN PLACE        ( am / pm )  
REMARKS:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. TYPE OF WELL

OIL ☐ WELL GAS ☒ WELL ☐ OTHER

2. NAME OF OPERATOR

WEXPRO COMPANY

3. ADDRESS AND TELEPHONE NO.

P. O. BOX 458, ROCK SPRINGS, WY 82902 (307) 382-9791

4. LOCATION OF WELL (FOOTAGE, SEC., T., R., M., OR SURVEY DESCRIPTION)

NW NW 12-10S-19E (Surface Location)

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

5. LEASE DESIGNATION AND SERIAL NO.  
U-4481, U-4484, U-4484, U-4484

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

7. IF UNIT OR CA, AGREEMENT DESIGNATION

ISLAND

8. WELL NAME AND NO.

ISLAND PAD NO. 12

ISLAND UNIT NO. 75, 76, 77, 78

9. API WELL NO. 43-047-

33755, 33756, 33757, 33758

10. FIELD AND POOL, OR EXPLORATORY AREA

ISLAND

11. COUNTY OR PARISH, STATE

UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Install Production Facilities

☐ Change in Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Wexpro Company requests approval to install production facilities on the above captioned pad location as depicted on the attached schematic. Please note that no open water production pit will be utilized. All water produced will be directed to the blowdown tank. Excess produced water will be collected and hauled by tank truck to the Ace Disposal Pit which is approved by the State of Utah.

Installation of these facilities is scheduled for mid-June.

Federal Approval Of This  
Action Is Necessary

Accepted by the  
Utah Division of  
Oil, Gas and Mining

Date: 6/4/01  
By: R. ALMAY

COPY SENT TO OPERATOR  
DATE: 6-4-01  
INITIALS: CHD

RECEIVED

JUN 04 2001

DIVISION OF  
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct

Signed: *[Signature]*

G. T. Nimmo, Operations Manager

May 31, 2001

Title

Date

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S. C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See instruction on Reverse Side



SCALE: 1" = 60'  
DATE: 9-20-00  
Drawn By: D.COX

# WEXPRO COMPANY

## LOCATION LAYOUT FOR

ISLAND UNIT #77, 76, 78, & 75  
SECTION 12, T10S, R19E, S.L.B.&M.  
NW 1/4 NW 1/4

FIGURE #1

Proposed Access Road

C-10.5'  
El. 5008.4'

Sta. 4+15

F-1.1'  
El. 4996.8'

APPROX.  
TOE OF  
FILL SLOPE

FLARE PIT  
Min. 100' from  
rig substructure.  
Min. 30' from  
reserve pit fence.

C-16.2'  
El. 5006.1'  
(Btm. Pit)

Reserve Pit Backfill  
& Spoils Stockpile

Total Pit Capacity  
W/2' of Freeboard  
= 11,550 Bbls. ±  
Total Pit Volume  
= 3,560 Cu. Yds.

RESERVE PITS  
(8' Deep)

C-6.5'  
El. 4995.4'  
(Btm. Pit)

F-2.3'  
El. 4995.6'

F-1.4'  
El. 4995.5'

Existing  
I.U. #21

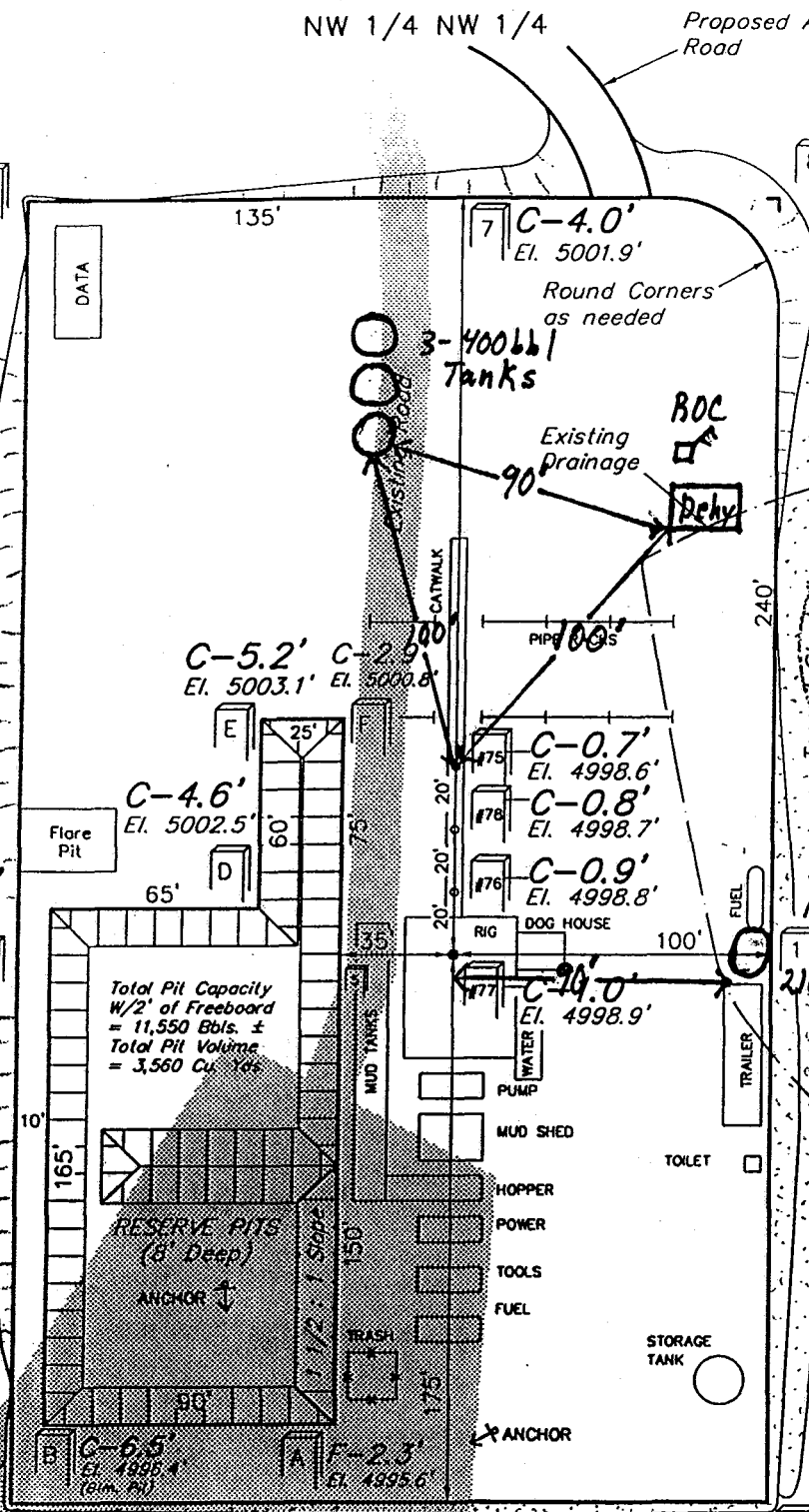
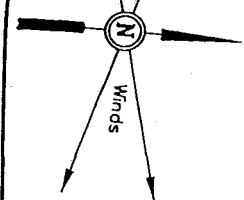
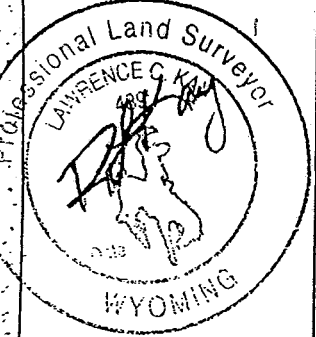
F-2.4'  
El. 4995.5'

F-2.1'  
El. 4995.8'

Sta. 0+00

Elev. Ungraded Ground at Location Stake = 4998.9'  
Elev. Graded Ground at Location Stake = 4997.9'

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017



(November 1983)

**UNITED STATES**  
**DEPARTMENT OF THE INTERIOR**  
**BUREAU OF LAND MANAGEMENT**

Form approved

Budget Bureau No. 1004-0137

Expires August 31, 1985

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. TYPE OF WELL:

OIL  
WELL☐GAS  
WELL☒

DRY

☐

OTHER:

b. TYPE OF COMPLETION:

NEW

☒

WORK

☐

DEEP-

☐

PLUG

☐

DIFF.

☐

OTHER:

WELL

OVER

EN

BACK

RESVR.

2. NAME OF OPERATOR

WEXPRO COMPANY

3. ADDRESS OF OPERATOR

P. O. BOX 458, ROCK SPRINGS, WYOMING 82902

4. LOCATION OF WELL

At surfac 321' FWL, 362' FNL, NW NW, 12-10S-19E

At top prod. interval reported below 1946' FWL, 201' FNL, NE NW, 12-10S-19E

At total depth 1886' FWL, 226' FNL, NE NW, 12-10S-19E

14. PERMIT NO.

43-047-33757

DATE ISSUED

11/27/00

15. DATE SPUDDED

1/09/01

16. DATE TD REACHED

2/14/01

17. DATE COMPLETED (ready to prod.)

6/06/01

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)

5010.50' RKB 4998.00 GR

20. TOTAL DEPTH, MD &amp; TVD

8404 MD 8019 TVD

21. PLUG BACK TD, MD &amp; TVD

8337' MD 7952' TVD

22. IF MULT. COMPL.

HOW MANY

N/A

23. INTERVALS

DRILLED BY

-----&gt;

19. ELEV. CASINGHEAD

4,996.00

24. PRODUCING INTERVAL(S) OF THIS COMPLETION - TOP, BOTTOM, NAME, (MD AND TVD)

6292-8264 FEET KBM MD (GROSS), 5908-7879 FEET KBM TVD (GROSS) - WASATCH

28. TYPE ELECTRIC AND OTHER LOGS RUN

✓TMD, CBL and GR - 5-4-01

CABLE TOOLS

NA

25. WAS DIRECTIONAL

SURVEY MADE

YES

27. WAS WELL CORED

NO

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8	K-55 36	384.65	12 1/4	230 SACKS CLASS G	NONE
4 1/2	N-80 11.6	8,404.00	7 7/8	550 SACKS Prem. Plus and 880 SACKS Prem. 300	NONE

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	7,001.00	

31. PERFORATION RECORD (Interval, size, and number)

6292-6297 - .43" - 4 spf	7142-7150 - .43" - 2 spf
6307-6312 - .43" - 4 spf	7188-7192 - .43" - 4 spf
6330-6340 - .43" - 4 spf	7838-7848 - .43" - 4 spf
6490-6495 - .43" - 4 spf	7862-7874 - .43" - 4 spf
6512-6517 - .43" - 4 spf	7978-7994 - .43" - 4 spf
6524-6534 - .43" - 4 spf	8254-8264 - .43" - 4 spf
6640-6660 - .43" - 2 spf	
6820-6825 - .43" - 4 spf	
6844-6854 - .43" - 4 spf	
6864-6870 - .43" - 4 spf	

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6292-6340 gross	FRAC - 140,423# 20/40 SAND, 933 BBLS YF125 FLUID
6490-6534 gross	FRAC - 111,506# 20/40 SAND, 794 BBLS YF125 FLUID
6640-6660	FRAC - 75,368# 20/40 SAND, 558 BBLS YF125 FLUID
6820-6870 gross	FRAC - 111,750# 20/40 SAND, 781 BBLS YF125 FLUID
7142-7192 gross	FRAC - 44,336# 20/40 SAND, 386 BBLS YF125 FLUID
7838-7874 gross	FRAC - 84,306# 20/40 SAND, 628 BBLS YF125 FLUID
7978-7994	FRAC - 64,335# 20/40 SAND, 561 BBLS YF125 FLUID
8254-8264	FRAC - 38,547# 20/40 SAND, 371 BBLS YF125 FLUID

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD ( Flowing, gas lift, pumping - size and type of pump )				WELL STATUS ( Producing or shut-in )	
NOT HOOKED UP		FLOWING				SHUT-IN	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL-BBL	GAS-MCF	WATER-BBL	GAS-OIL RATIO
6/4-6/01	48	20/64	----->	0	5,208	0	NA
FLOW TUB. PRESS.	CASING PRESSURE	CALCULATED 24 HOUR RATE	OIL-BBL	GAS-MCF	WATER-BBL	OIL GRAVITY-API ( CORR. )	
1650	1775	----->	0	3762	0	NA	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

VENTED

35. LIST OF ATTACHMENTS

**RECEIVED**

TEST WITNESSED BY

John Gordon

**JUN 15 2001**

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

SIGNED

TITLE

**DIVISION OF**  
**OIL GAS AND MINING**

DATE

16/201

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof: cored intervals: and all drill-stem tests, including depth interval, cushion used, time tool open, flowing and shut-in pressures, and recoveries):	DESCRIPTION, CONTENTS, ETC.				GEOLOGIC MARKERS		
	FORMATION	TOP	BOTTOM		NAME	MEAS. DEPTH	TRUE VERT. DEPTH
					Log Tops		
					UINTAH	surface	surface
					GREEN RIVER	1,386	1,384
					BIRD'S NEST AQUIFER	2264-2476	2231-2423
					WASATCH TONGUE	4,724	4,391
					GREEN RIVER TONGUE	5,116	4,747
					WASATCH	5,288	5,909
					LOWER WASATCH	7,380	6,995

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

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**SUBMIT IN TRIPLICATE**

1. TYPE OF WELL

OIL      GAS  
☐ WELL   ☒ WELL   ☐ OTHER

2. NAME OF OPERATOR

WEXPRO COMPANY

3. ADDRESS AND TELEPHONE NO.

P. O. BOX 458, ROCK SPRINGS, WY 82902      (307) 382-9791

4. LOCATION OF WELL (FOOTAGE, SEC., T., R., M., OR SURVEY DESCRIPTION)

321' FWL, 362' FNL NW NW, Section 12-10S-19E (Surface Location)  
1900' FWL, 200' FNL, NE NW Section 12-10S-19E (Bottom Hole Location)

5. LEASE DESIGNATION AND SERIAL NO.

U-4484

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

7. IF UNIT OR CA, AGREEMENT DESIGNATION

ISLAND

8. WELL NAME AND NO.

ISLAND UNIT WELL NO. 77

9. API WELL NO.

43-047-33757

10. FIELD AND POOL, OR EXPLORATORY AREA

ISLAND

11. COUNTY OR PARISH, STATE

UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Well History  
☐ Change in Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Attached is the directional survey for the above well.

**RECEIVED**

**JUN 25 2001**

**DIVISION OF  
OIL, GAS AND MINING**

14. I hereby certify that the foregoing is true and correct

G. T. NIMMO, Operations Manager

Signed G. T. Nimmo Title \_\_\_\_\_ Date 06/20/01

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any:

Title 18 U.S. C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

# Wexpro Company

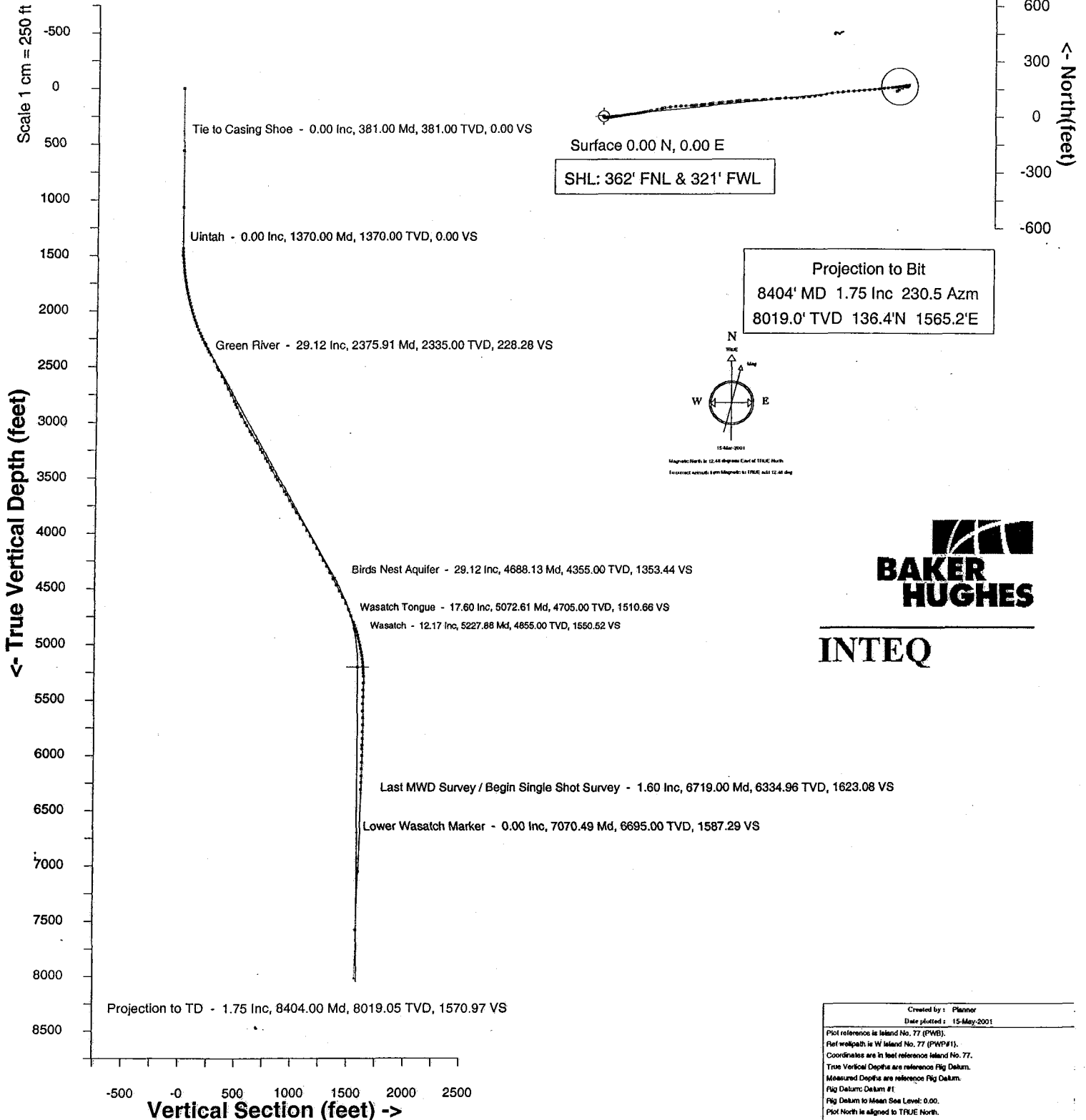
Installation : Sec. 12-T10S-R19E Pad 12  
Location : Utah

Field : Uintah County  
Well : W Island No. 77  
Slot : Island No. 77

Scale 1 cm = 150 ft

East (feet) ->

-300 -0 300 600 900 1200 1500 1800 2100



**BAKER  
HUGHES**

**INTEQ**

Created by : Planner  
Date plotted : 15-May-2001

Plot reference is Island No. 77 (PWB).  
Ref wellpath is W Island No. 77 (PWP#1).  
Coordinates are in feet reference Island No. 77.  
True Vertical Depths are reference Fig Datum.  
Measured Depths are reference Fig Datum.  
Fig Datum: Datum #1  
Fig Datum to Mean Sea Level: 0.00.  
Plot North is aligned to TRUE North.  
Ellipse dimensions are of PROJECTED error ellipsoid.  
Ellipsoids are scaled to 95.45% (1D) confidence.

Wexpro Company, Island No. 77  
Sec. 12-T10S-R19E Pad 12,  
Uintah County, Utah

SURVEY LISTING Page 1  
Wellbore: Island No. 77 (MWD)  
Wellpath: W Island No. 77 (AWP#1)  
Date Printed: 15-May-2001



INTEQ

Units are in Feet unless otherwise specified  
Coordinates are from Slot. MDs are from Rig. TVDs are from Rig.  
Vertical Section is from 0.00N 0.00E on azimuth 85.02  
Bottom hole location is 1571.15 ft from wellhead on azimuth 85.02deg  
Wellpath calculation is by Minimum Curvature  
Prepared by Baker Hughes INTEQ

### Wellbore

Name	Created	Last Revised
Island No. 77 (MWD)	14-Feb-2001	15-May-2001

### Well

Name	Government ID	Last Revised
W Island No. 77		26-Jan-2001

### Installation

Name	Easting	Northing	Coord System Name	North Alignment
Sec. 12-T10S-R19E Pad 12	2201548.4392	7222882.5817	UT83-CF on NORTH AMERICAN DATUM 1983 datum	True

### Field

Name	Easting	Northing	Coord System Name	North Alignment
Uintah County	2201548.4392	7222882.5817	UT83-CF on NORTH AMERICAN DATUM 1983 datum	True

### Created By

--

### Comments

--

All data is in Feet unless otherwise stated  
Coordinates are from Slot MD's are from Rig and TVD's are from Rig  
Vertical Section is from 0.00N 0.00E on azimuth 85.02 degrees  
Bottom hole distance is 1571.15 Feet on azimuth 85.02 degrees from Wellhead  
Calculation method uses Minimum Curvature method  
Prepared by Baker Hughes INTEQ

## Wellpath Report

MD(ft)	Inc(deg)	Dir(deg)	TVD(ft)	North(ft)	East(ft)	Dogleg [deg/100ft]	Vertical Section(ft)
0.00	0.00	0.00	0.00	0.00N	0.00E	0.00	0.00
381.00	0.00	0.00	381.00	0.00N	0.00E	0.00	0.00
557.00	0.20	51.40	557.00	0.19N	0.24E	0.11	0.26
1066.00	0.30	146.30	1066.00	0.36S	1.67E	0.07	1.64
1436.00	1.30	179.00	1435.96	5.37S	2.28E	0.29	1.81
1467.00	1.20	175.50	1466.95	6.04S	2.32E	0.41	1.78
1498.00	1.60	105.20	1497.94	6.48S	2.76E	5.31	2.19
1529.00	3.30	104.30	1528.91	6.81S	4.04E	5.49	3.43
1561.00	4.20	101.00	1560.84	7.26S	6.08E	2.89	5.43
1593.00	5.40	99.70	1592.73	7.74S	8.72E	3.77	8.01
1624.00	6.10	98.80	1623.58	8.24S	11.78E	2.28	11.02
1656.00	6.90	93.40	1655.37	8.61S	15.38E	3.14	14.58
1687.00	7.50	86.50	1686.13	8.60S	19.26E	3.39	18.44
1719.00	8.60	83.90	1717.81	8.22S	23.73E	3.62	22.92
1749.00	9.40	82.00	1747.44	7.64S	28.38E	2.84	27.61
1780.00	10.60	80.80	1777.97	6.83S	33.70E	3.93	32.98
1810.00	11.70	79.40	1807.40	5.83S	39.42E	3.78	38.76
1841.00	12.50	79.60	1837.71	4.64S	45.81E	2.58	45.23
1872.00	13.30	80.30	1867.93	3.44S	52.62E	2.63	52.12
1903.00	13.90	81.20	1898.06	2.27S	59.82E	2.05	59.39
1935.00	14.40	80.70	1929.09	1.04S	67.54E	1.61	67.20
1967.00	15.00	80.50	1960.04	0.29N	75.55E	1.88	75.29
1999.00	15.60	80.50	1990.91	1.68N	83.88E	1.87	83.71
2030.00	16.10	79.60	2020.73	3.15N	92.22E	1.80	92.14
2061.00	17.00	80.90	2050.45	4.64N	100.92E	3.14	100.94
2092.00	18.10	80.80	2080.00	6.13N	110.15E	3.55	110.27
2124.00	19.50	82.00	2110.29	7.67N	120.35E	4.54	120.56
2155.00	21.20	82.60	2139.36	9.11N	131.03E	5.52	131.33
2187.00	22.90	83.00	2169.02	10.61N	142.95E	5.33	143.33
2219.00	24.30	82.40	2198.34	12.24N	155.66E	4.44	156.13
2249.00	25.20	81.60	2225.58	13.99N	168.09E	3.20	168.67
2280.00	25.70	79.10	2253.58	16.23N	181.22E	3.82	181.95
2312.00	26.40	79.30	2282.32	18.86N	195.03E	2.20	195.93
2343.00	27.10	78.80	2310.01	21.51N	208.72E	2.37	209.80
2374.00	28.40	78.80	2337.44	24.31N	222.88E	4.19	224.15
2406.00	30.10	79.40	2365.36	27.27N	238.24E	5.39	239.70
2437.00	30.10	78.30	2392.18	30.27N	253.49E	1.78	255.16
2500.00	28.00	78.00	2447.25	36.55N	283.43E	3.34	285.53
2562.00	26.80	77.30	2502.30	42.65N	311.30E	2.00	313.83
2593.00	26.40	76.80	2530.01	45.76N	324.83E	1.48	327.57
2657.00	26.80	82.60	2587.25	50.87N	352.99E	4.10	356.08
2720.00	27.80	84.60	2643.23	54.08N	381.70E	2.15	384.96
2782.00	26.90	86.90	2698.30	56.20N	410.10E	2.24	413.43
2843.00	26.90	88.10	2752.70	57.41N	437.68E	0.89	441.01
2905.00	26.00	86.30	2808.21	58.75N	465.26E	1.94	468.60
2936.00	25.30	85.20	2836.16	59.74N	478.64E	2.73	482.02
2967.00	26.00	82.80	2864.10	61.15N	491.98E	4.04	495.43
3028.00	28.50	84.10	2918.33	64.32N	519.73E	4.21	523.35
3057.00	28.80	84.40	2943.78	65.71N	533.56E	1.15	537.25
3120.00	30.40	85.20	2998.56	68.53N	564.55E	2.62	568.37
3151.00	30.70	84.30	3025.25	69.97N	580.24E	1.76	584.12
3214.00	30.90	84.20	3079.37	73.20N	612.34E	0.33	616.38

All data is in Feet unless otherwise stated  
Coordinates are from Slot MD's are from Rig and TVD's are from Rig  
Vertical Section is from 0.00N 0.00E on azimuth 85.02 degrees  
Bottom hole distance is 1571.15 Feet on azimuth 85.02 degrees from Wellhead  
Calculation method uses Minimum Curvature method  
Prepared by Baker Hughes INTEQ

## Wellpath Report

MD(ft)	Inc(deg)	Dir(deg)	TVD(ft)	North(ft)	East(ft)	Dogleg (deg/100ft)	Vertical Section(ft)
3246.00	31.10	85.20	3106.80	74.72N	628.75E	1.73	632.86
3308.00	30.00	84.20	3160.19	77.63N	660.12E	1.95	664.37
3340.00	29.40	83.60	3187.99	79.31N	675.89E	2.09	680.22
3402.00	29.70	85.40	3241.92	82.24N	706.32E	1.51	710.80
3433.00	29.80	86.50	3268.84	83.33N	721.66E	1.79	726.18
3496.00	29.80	88.80	3323.51	84.61N	752.94E	1.81	757.45
3527.00	29.30	88.40	3350.48	84.98N	768.23E	1.73	772.70
3588.00	28.00	88.40	3404.01	85.80N	797.46E	2.13	801.90
3619.00	27.60	87.50	3431.43	86.32N	811.91E	1.87	816.34
3682.00	30.40	85.60	3486.53	88.18N	842.39E	4.68	846.86
3714.00	30.00	85.00	3514.18	89.49N	858.43E	1.57	862.96
3776.00	29.80	84.60	3567.93	92.30N	889.21E	0.46	893.87
3837.00	30.80	86.40	3620.60	94.70N	919.89E	2.21	924.64
3869.00	30.00	85.50	3648.20	95.84N	936.04E	2.88	940.83
3933.00	29.00	86.90	3703.90	97.94N	967.49E	1.90	972.34
3994.00	30.50	88.90	3756.86	99.04N	997.73E	2.95	1002.56
4057.00	31.50	86.80	3810.86	100.26N	1030.15E	2.34	1034.96
4120.00	30.70	84.80	3864.81	102.64N	1062.60E	2.07	1067.50
4181.00	30.30	83.70	3917.37	105.74N	1093.40E	1.13	1098.45
4243.00	30.10	82.00	3970.95	109.62N	1124.34E	1.42	1129.62
4305.00	29.60	80.50	4024.73	114.31N	1154.84E	1.45	1160.41
4368.00	29.80	80.70	4079.45	119.41N	1185.64E	0.35	1191.53
4431.00	28.40	80.80	4134.50	124.33N	1215.88E	2.22	1222.08
4493.00	28.00	84.60	4189.14	128.06N	1244.92E	2.97	1251.34
4555.00	27.80	84.40	4243.94	130.84N	1273.80E	0.36	1280.35
4616.00	28.40	85.00	4297.75	133.49N	1302.41E	1.09	1309.08
4680.00	27.10	86.00	4354.39	135.84N	1332.12E	2.16	1338.88
4742.00	27.40	84.70	4409.51	138.14N	1360.41E	1.08	1367.27
4804.00	28.00	84.60	4464.40	140.83N	1389.10E	0.97	1396.08
4864.00	26.80	85.30	4517.67	143.26N	1416.61E	2.07	1423.70
4926.00	25.60	84.70	4573.30	145.64N	1443.88E	1.98	1451.07
4988.00	24.60	84.30	4629.44	148.16N	1470.05E	1.64	1477.37
5048.00	23.50	83.80	4684.23	150.69N	1494.37E	1.86	1501.82
5110.00	21.80	83.70	4741.45	153.29N	1518.11E	2.74	1525.68
5172.00	19.90	83.40	4799.39	155.77N	1540.03E	3.07	1547.74
5203.00	19.40	82.40	4828.58	157.06N	1550.38E	1.94	1558.16
5234.00	18.50	82.00	4857.90	158.42N	1560.35E	2.93	1568.22
5264.00	16.80	81.80	4886.49	159.70N	1569.36E	5.67	1577.30
5295.00	14.90	80.00	4916.31	161.03N	1577.72E	6.33	1585.74
5327.00	13.70	79.00	4947.31	162.47N	1585.49E	3.83	1593.61
5357.00	13.30	78.80	4976.48	163.82N	1592.36E	1.34	1600.57
5387.00	12.80	79.20	5005.71	165.11N	1599.01E	1.69	1607.31
5419.00	11.70	79.40	5036.98	166.37N	1605.68E	3.44	1614.06
5450.00	10.00	78.30	5067.43	167.50N	1611.41E	5.52	1619.87
5482.00	8.30	80.10	5099.02	168.46N	1616.40E	5.39	1624.93
5513.00	7.10	84.20	5129.74	169.04N	1620.52E	4.25	1629.07
5544.00	6.10	86.70	5160.53	169.32N	1624.07E	3.36	1632.63
5574.00	5.10	86.20	5190.39	169.51N	1626.99E	3.34	1635.56
5605.00	4.20	86.90	5221.29	169.66N	1629.50E	2.91	1638.07
5635.00	2.90	87.40	5251.23	169.75N	1631.35E	4.33	1639.93
5667.00	1.00	108.30	5283.21	169.70N	1632.43E	6.24	1640.99
5728.00	0.80	205.20	5344.20	169.15N	1632.75E	2.22	1641.27

All data is in Feet unless otherwise stated  
Coordinates are from Slot MD's are from Rig and TVD's are from Rig  
Vertical Section is from 0.00N 0.00E on azimuth 85.02 degrees  
Bottom hole distance is 1571.15 Feet on azimuth 85.02 degrees from Wellhead  
Calculation method uses Minimum Curvature method  
Prepared by Baker Hughes INTEQ



Wexpro Company, Island No. 77  
Sec. 12-T10S-R19E Pad 12,  
Uintah County, Utah

SURVEY LISTING Page 4  
Wellbore: Island No. 77 (MWD)  
Wellpath: W Island No. 77 (AWP#1)  
Date Printed: 15-May-2001



INTEQ

## Wellpath Report

MD[ft]	Inc[deg]	Dir[deg]	TVD[ft]	North[ft]	East[ft]	Dogleg [deg/100ft]	Vertical Section[ft]
5791.00	1.00	239.10	5407.20	168.47N	1632.09E	0.89	1640.55
5853.00	1.40	226.30	5469.18	167.67N	1631.08E	0.77	1639.48
5915.00	1.50	225.20	5531.16	166.57N	1629.95E	0.17	1638.26
5979.00	1.40	222.10	5595.14	165.40N	1628.84E	0.20	1637.05
6042.00	1.70	216.20	5658.12	164.08N	1627.77E	0.54	1635.87
6104.00	0.90	231.70	5720.10	163.03N	1626.84E	1.40	1634.85
6166.00	0.90	222.50	5782.10	162.37N	1626.13E	0.23	1634.09
6227.00	0.80	244.70	5843.09	161.84N	1625.42E	0.56	1633.34
6288.00	0.90	232.40	5904.08	161.36N	1624.66E	0.34	1632.53
6320.00	1.00	207.50	5936.08	160.96N	1624.33E	1.32	1632.17
6382.00	1.40	238.10	5998.06	160.08N	1623.44E	1.20	1631.21
6442.00	1.40	255.50	6058.05	159.51N	1622.11E	0.71	1629.83
6503.00	1.50	250.50	6119.03	159.06N	1620.63E	0.26	1628.32
6565.00	1.10	273.20	6181.01	158.82N	1619.27E	1.04	1626.95
6626.00	1.40	256.20	6242.00	158.67N	1617.96E	0.78	1625.63
6688.00	1.80	255.60	6303.97	158.25N	1616.29E	0.65	1623.92
6719.00	1.60	262.70	6334.96	158.07N	1615.39E	0.94	1623.01
7433.00	2.00	248.00	7048.61	152.14N	1593.94E	0.09	1601.14
7963.00	2.00	242.00	7578.29	144.34N	1577.20E	0.04	1583.78
8404.00	1.75	230.50	8019.05	136.44N	1565.21E	0.10	1571.15

All data is in Feet unless otherwise stated  
Coordinates are from Slot MD's are from Rig and TVD's are from Rig  
Vertical Section is from 0.00N 0.00E on azimuth 85.02 degrees  
Bottom hole distance is 1571.15 Feet on azimuth 85.02 degrees from Wellhead  
Calculation method uses Minimum Curvature method  
Prepared by Baker Hughes INTEQ

Wexpro Company, Island No. 77  
Sec. 12-T10S-R19E Pad 12,  
Uintah County, Utah

SURVEY LISTING Page 5  
Wellbore: Island No. 77 (MWD)  
Wellpath: W Island No. 77 (AWP#1)  
Date Printed: 15-May-2001



INTEQ

### Comments

MD[ft]	TVD[ft]	North[ft]	East[ft]	Comment
381.00	381.00	0.00N	0.00E	Tie to Casing Shoe
6719.00	6334.96	158.07N	1615.39E	Last MWD Survey / Begin Single Shot Survey
8404.00	8019.05	136.44N	1565.21E	Projection to TD

All data is in Feet unless otherwise stated  
Coordinates are from Slot MD's are from Rig and TVD's are from Rig  
Vertical Section is from 0.00N 0.00E on azimuth 85.02 degrees  
Bottom hole distance is 1571.15 Feet on azimuth 85.02 degrees from Wellhead  
Calculation method uses Minimum Curvature method  
Prepared by Baker Hughes INTEQ

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

**SUBMIT IN TRIPLICATE**

1. TYPE OF WELL

OIL      GAS  
☐ WELL    ☒ WELL    ☐ OTHER

2. NAME OF OPERATOR

WEXPRO COMPANY

3. ADDRESS AND TELEPHONE NO.

P. O. BOX 458, ROCK SPRINGS, WY 82902      (307) 382-9791

4. LOCATION OF WELL (FOOTAGE, SEC., T., R., M., OR SURVEY DESCRIPTION)

321' FWL, 362' FNL, NW NW 12-10S-19E - Surface  
200' FNL, 1900' FWL, NE NW 12-10S-19E - Bottom hole

5. LEASE DESIGNATION AND SERIAL NO:

U-4484

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

7. IF UNIT OR CA, AGREEMENT DESIGNATION

ISLAND

8. WELL NAME AND NO.

ISLAND UNIT NO. 77

9. API WELL NO.

43-047-33757

10. FIELD AND POOL, OR EXPLORATORY AREA

ISLAND

11. COUNTY OR PARISH, STATE

UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent  
  
☒ Subsequent Report  
  
☐ Final Abandonment Notice

TYPE OF ACTION

<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change in Plans
<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
<input checked="" type="checkbox"/> Other    Well History	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

The above captioned well was turned on for initial production on July 23, 2001.

**RECEIVED**

**JUL 26 2001**

**DIVISION OF  
OIL, GAS AND MINING**

14. I hereby certify that the foregoing is true and correct

Signed

G. T. Nimmo, Operations Manager

Title

July 23, 2001

Date

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S. C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other Instructions on page 2.**

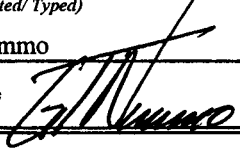
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. U-4484
2. Name of Operator Wexpro Company		6. If Indian, Allottee, or Tribe Name N/A
3a. Address P.O. Box 458 Rock Springs, WY 82902	3b. Phone No. (include area code) 307.382.9791	7. If Unit or CA. Agreement Name and/or No. UTU063026X Island Unit
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 362' FNL 321' FWL NW NW 12-10S-19E		8. Well Name and No. Island Unit No. 77
		9. API Well No. 43-047-33757
		10. Field and Pool, or Exploratory Area Wasatch
		11. County or Parish, State Uintah Utah

**12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input checked="" type="checkbox"/> Production (Start/ Resume)	<input type="checkbox"/> Water Shut-off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths or pertinent markers and sands. Attach the Bond under which the work will performed or provide the Bond No. on file with the BLM/ BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notice shall be filed only after all requirements, including reclamantion, have been completed, and the operator has determined that the site is ready for final inspection.)

The above well resumed production, after being off for more than 90 days, on October 17, 2007 at 1:30 P.M.

14. I hereby certify that the foregoing is true and correct.	
Name (Printed/ Typed) G.T. Nimmo	Title Operations Manager
Signature 	Date October 18, 2007

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by	Title	Date
Conditions of approval, if any are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001 AND Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make any statement or representation to any officer or agent of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**RECEIVED**  
OCT 23 2007

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other Instructions on page 2.**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. U-4484
2. Name of Operator Wexpro Company		6. If Indian, Allottee, or Tribe Name N/A
3a. Address P.O. Box 458 Rock Springs, WY 82902	3b. Phone No. (include area code) 307.382.9791	7. If Unit or CA. Agreement Name and/or No. UTU063026X Island Unit
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 362' FNL 321' FWL NW NW 12-10S-19E		8. Well Name and No. Island Unit No. 77
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TYPE OF SUBMISSION	TYPE OF ACTION			
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<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
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	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug back	<input checked="" type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths or pertinent markers and sands. Attach the Bond under which the work will performed or provide the Bond No. on file with the BLM/ BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notice shall be filed only after all requirements, including reclamantion, have been completed, and the operator has determined that the site is ready for final inspection.)

Water produced from the above well will be disposed of in a water / blow down tank as previously approved.  
Excess water production will be hauled to the following State of Utah approved disposal sites:

R N Industries Inc Sec. 4-2S-2W - Bluebell  
LaPoint Recycle & Storage Sec. 12-5S-19E - LaPoint  
Dalbo, Inc Sec. 02-6S-20E - Vernal

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
**FOR RECORD ONLY**

All excess produced water will be hauled by tank truck over Unit, Tribal, County and State roads.

14. I hereby certify that the foregoing is true and correct.

Name (Printed/ Typed)

G.T. Nimmo

Title

Operations Manager

Signature

Date

April 24, 2008

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

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(Instructions on page 2)

**RECEIVED**

**APR 28 2008**

**DIV. OF OIL, GAS & MINING**